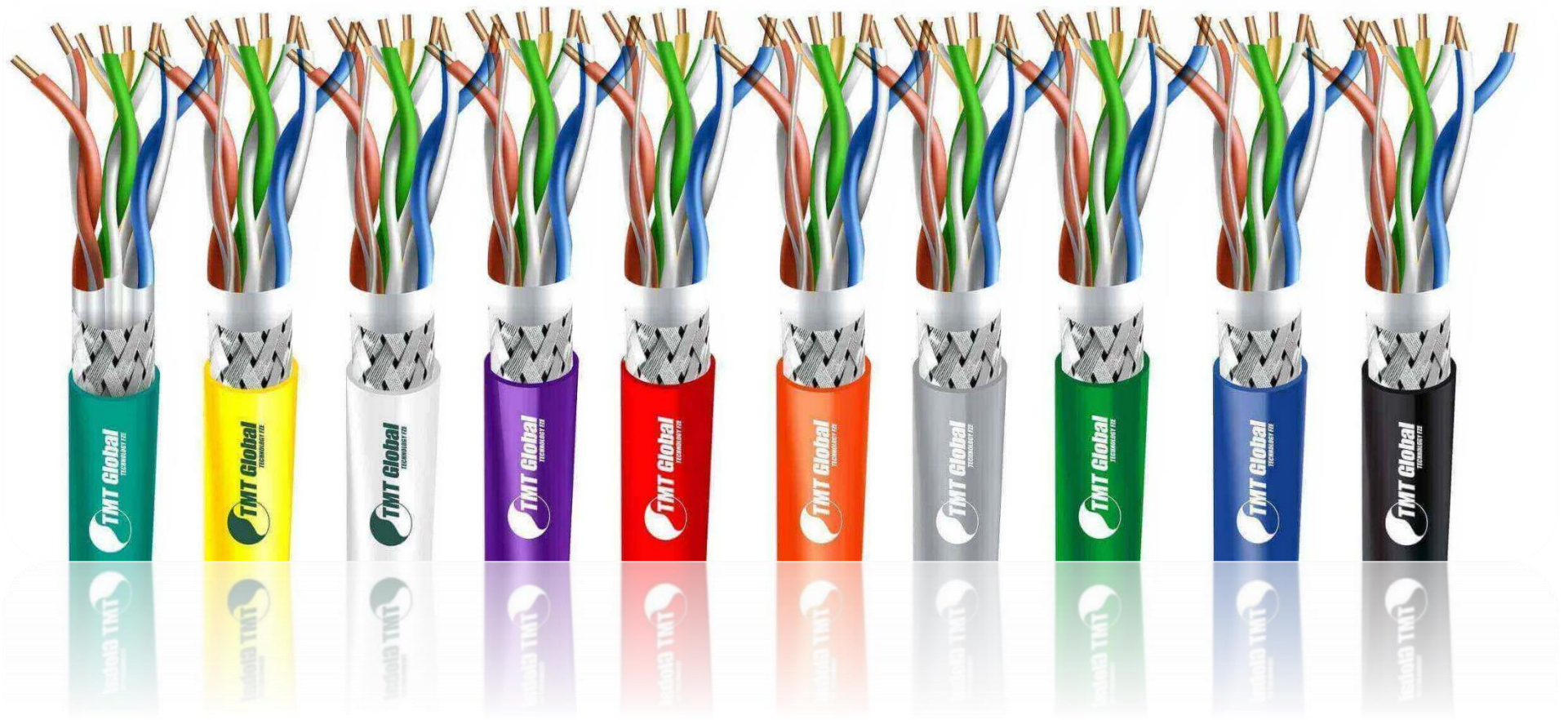




Products Catalog

<https://tmtglobal.co.uk>

6aXX5B PVC SERIES CAT6a CABLE



CONTENT

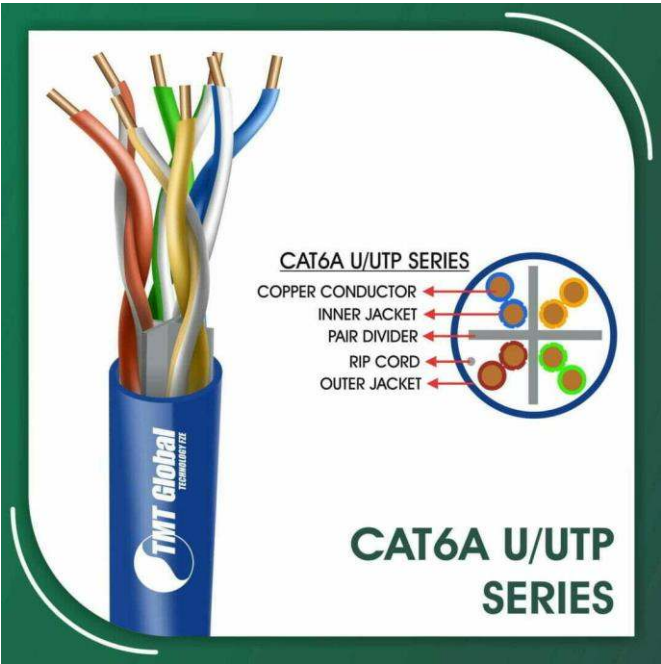
03-12	CAT6a U/UTP 23AWG 4 PAIR CABLES 305M - PVC
13-22	CAT6a U/UTP 23AWG 4 PAIR CABLES 305M - LSZH
23-23	CAT6a U/UTP 23AWG 4 PAIR CABLES 305M – PE-OUTDOOR
24-33	CAT6a F/UTP 23AWG 4 PAIR CABLES 305M - PVC
34-43	CAT6a F/UTP 23AWG 4 PAIR CABLES 305M - LSZH
44-44	CAT6a F/UTP 23AWG 4 PAIR CABLES 305M – PE-OUTDOOR
45-54	CAT6a SF/UTP 23AWG 4 PAIR CABLES 305M - PVC
55-64	CAT6a SF/UTP 23AWG 4 PAIR CABLES 305M - LSZH
65-65	CAT6a SF/UTP 23AWG 4 PAIR CABLES 305M – PE-OUTDOOR
66-75	CAT6a U/UTP 23AWG 4 PAIR CABLES 305M – ELEVATOR FLAT CABLE
76-85	CAT6a F/UTP 23AWG 4 PAIR CABLES 305M - ELEVATOR FLAT CABLE



CAT6a U/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

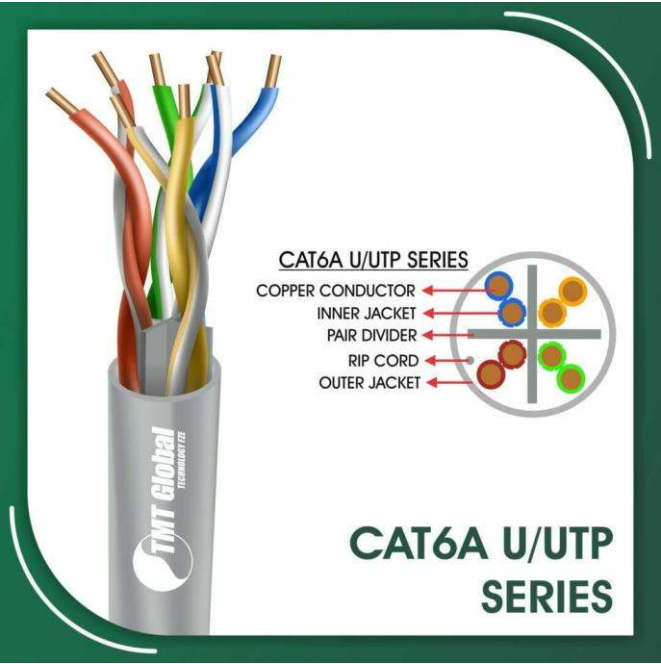
Ordering Information		
Model No Series	Item Code	Description
TMT-4060	6A135BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A135BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A135BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A135BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A135BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A135BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A135BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A135BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A135BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A135BPA	23AWG 4PAIR CAT6A U/UTP CABLE 305M - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

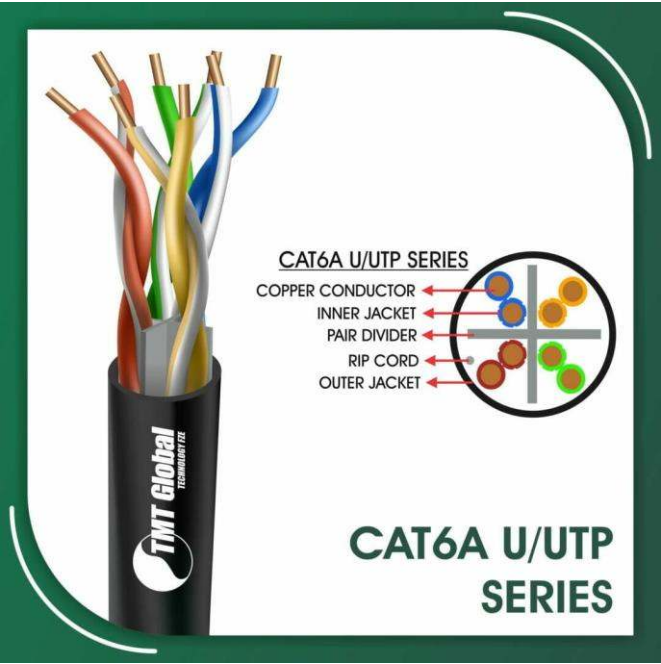
Model No Series	Item Code	Description
TMT-4060	6A135BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A135BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A135BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A135BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A135BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A135BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A135BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A135BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A135BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A135BPA	23AWG 4PAIR CAT6A U/UTP CABLE 305M - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

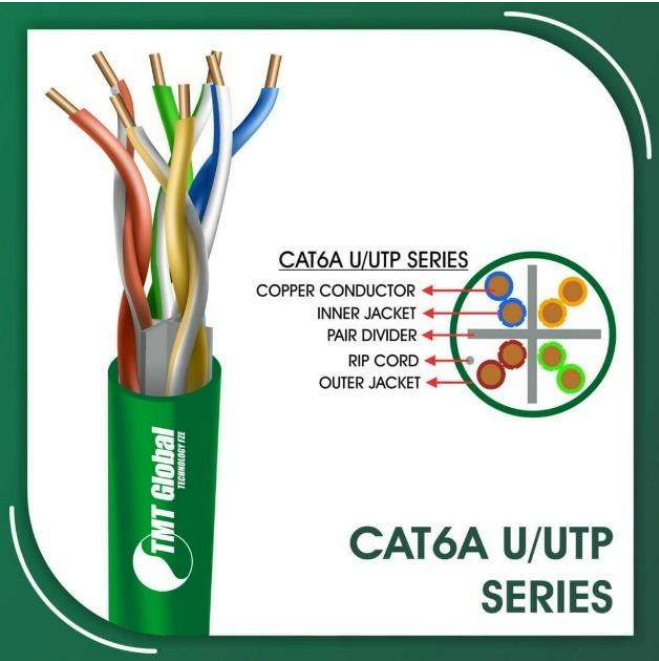
Model No Series	Item Code	Description
TMT-4060	6A135BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A135BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A135BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A135BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A135BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A135BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A135BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A135BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A135BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A135BPA	23AWG 4PAIR CAT6A U/UTP CABLE 305M - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

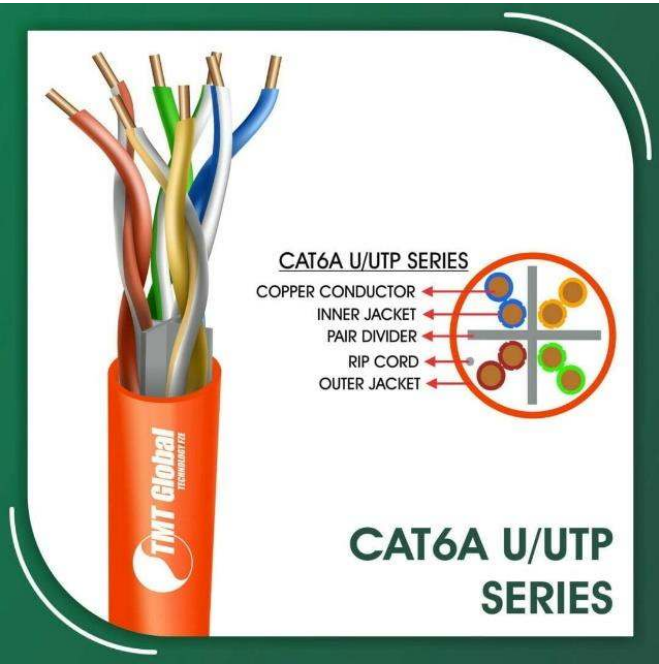
Ordering Information		
Model No Series	Item Code	Description
TMT-4060	6A135BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A135BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A135BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A135BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A135BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A135BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A135BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A135BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A135BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A135BPA	23AWG 4PAIR CAT6A U/UTP CABLE 305M - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

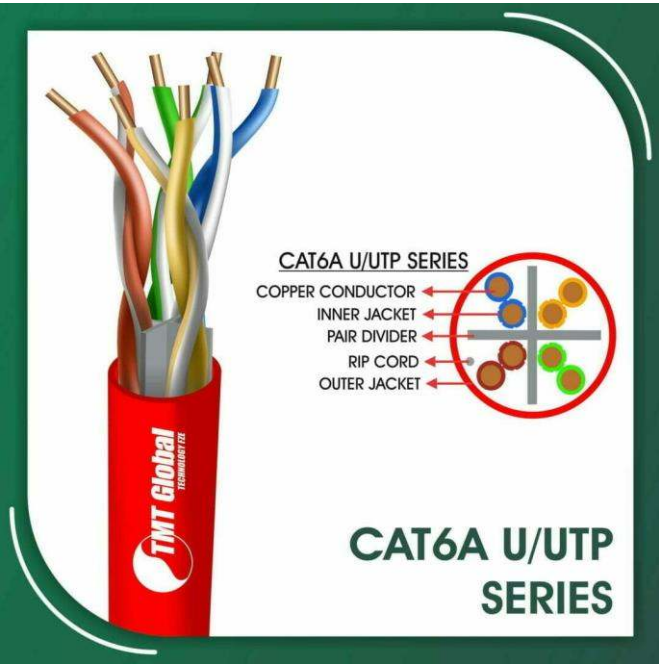
Model No Series	Item Code	Description
TMT-4060	6A135BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A135BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A135BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A135BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A135BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A135BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A135BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A135BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A135BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A135BPA	23AWG 4PAIR CAT6A U/UTP CABLE 305M - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

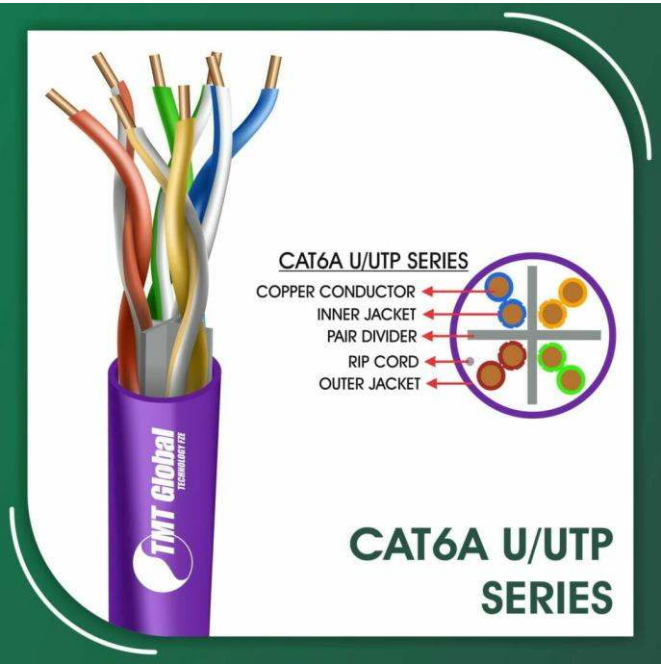
Ordering Information		
Model No Series	Item Code	Description
TMT-4060	6A135BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A135BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A135BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A135BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A135BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A135BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A135BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A135BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A135BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A135BPA	23AWG 4PAIR CAT6A U/UTP CABLE 305M - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

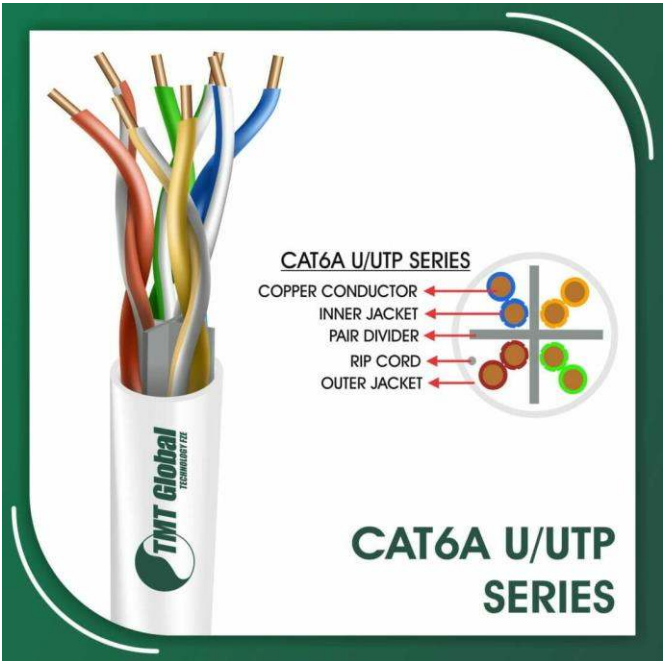
Ordering Information		
Model No Series	Item Code	Description
TMT-4060	6A135BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A135BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A135BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A135BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A135BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A135BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A135BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A135BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A135BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A135BPA	23AWG 4PAIR CAT6A U/UTP CABLE 305M - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

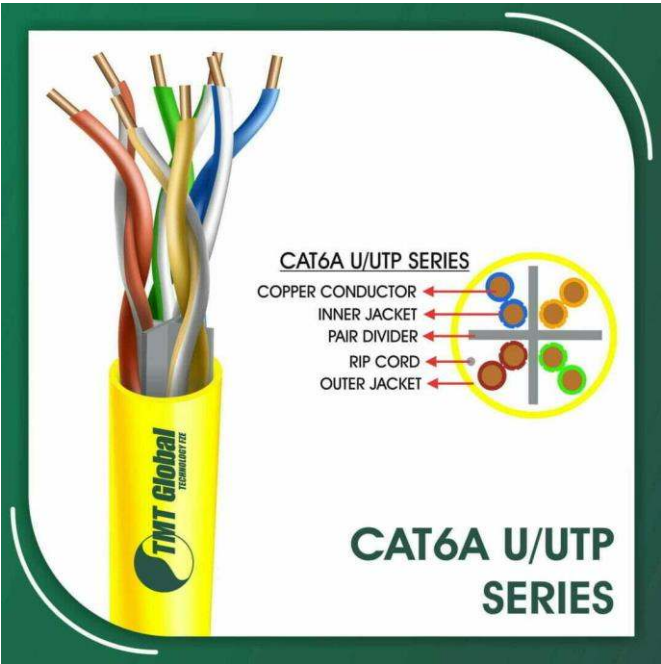
Model No Series	Item Code	Description
TMT-4060	6A135BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A135BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A135BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A135BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A135BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A135BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A135BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A135BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A135BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A135BPA	23AWG 4PAIR CAT6A U/UTP CABLE 305M - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

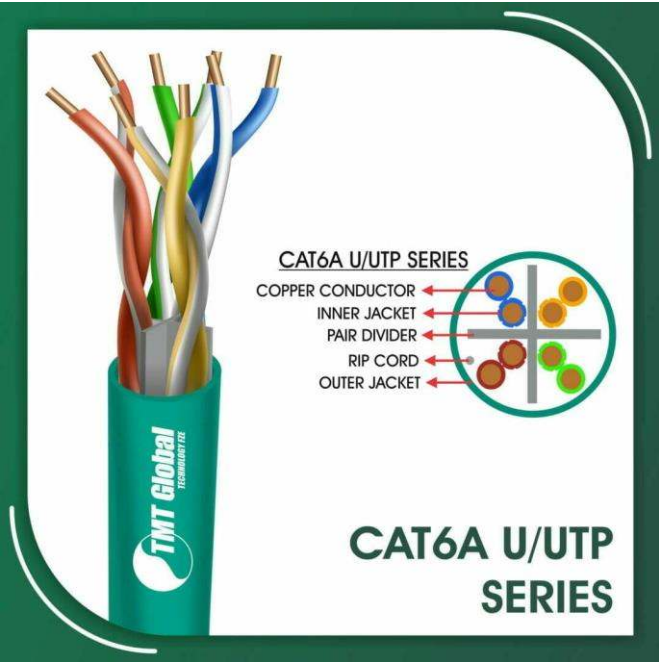
Model No Series	Item Code	Description
TMT-4060	6A135BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A135BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A135BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A135BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A135BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A135BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A135BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A135BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A135BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A135BPA	23AWG 4PAIR CAT6A U/UTP CABLE 305M - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

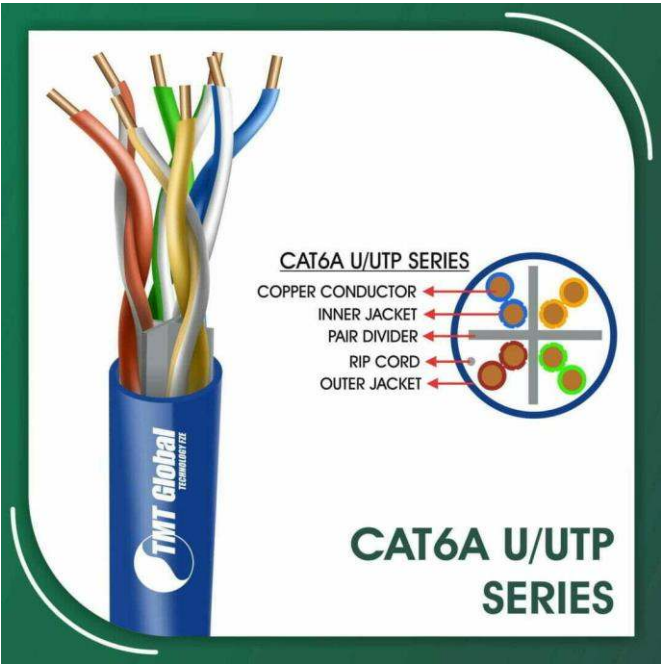
Ordering Information		
Model No Series	Item Code	Description
TMT-4060	6A135BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A135BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A135BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A135BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A135BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A135BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A135BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A135BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A135BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A135BPA	23AWG 4PAIR CAT6A U/UTP CABLE 305M - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP LSZH Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

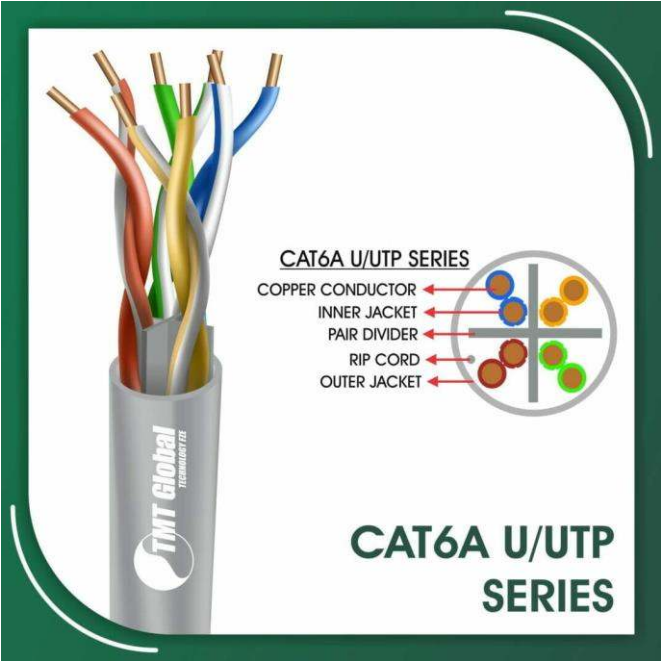
Model No Series	Item Code	Description
TMT-4061	6A135BLB	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLUE
	6A135BLG	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GRAY
	6A135BLK	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLACK
	6A135BLN	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GREEN
	6A135BLO	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - ORANGE
	6A135BLR	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - RED
	6A135BLV	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - VIOLET
	6A135BLW	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - WHITE
	6A135BLY	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - YELLOW
	6A135BLA	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP LSZH Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

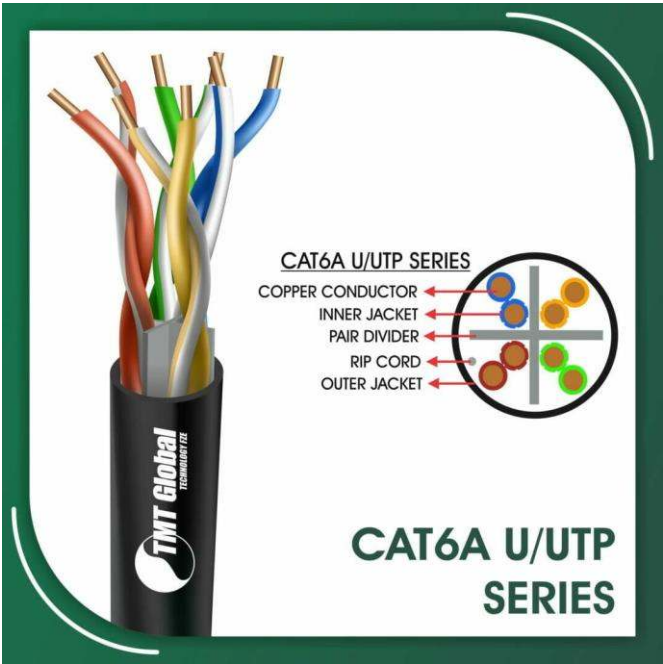
Model No Series	Item Code	Description
TMT-4061	6A135BLB	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLUE
	6A135BLG	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GRAY
	6A135BLK	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLACK
	6A135BLN	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GREEN
	6A135BLO	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - ORANGE
	6A135BLR	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - RED
	6A135BLV	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - VIOLET
	6A135BLW	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - WHITE
	6A135BLY	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - YELLOW
	6A135BLA	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP LSZH Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

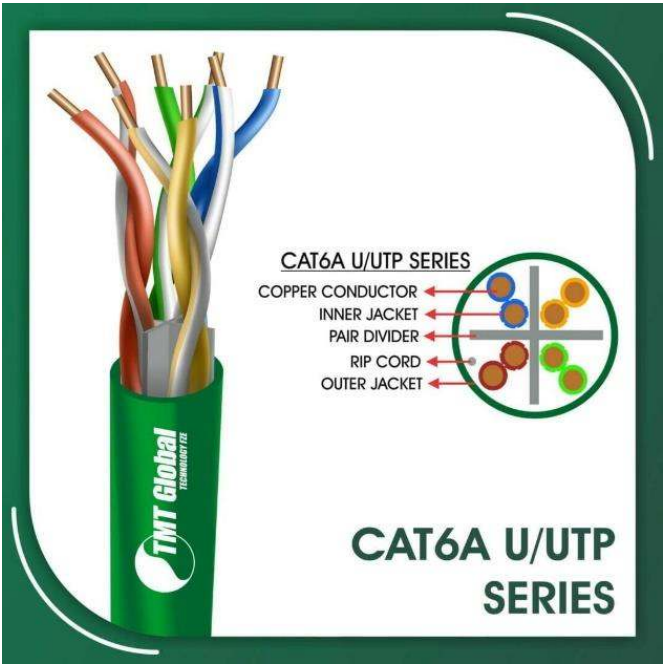
Model No Series	Item Code	Description
TMT-4061	6A135BLB	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLUE
	6A135BLG	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GRAY
	6A135BLK	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLACK
	6A135BLN	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GREEN
	6A135BLO	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - ORANGE
	6A135BLR	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - RED
	6A135BLV	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - VIOLET
	6A135BLW	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - WHITE
	6A135BLY	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - YELLOW
	6A135BLA	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP LSZH Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

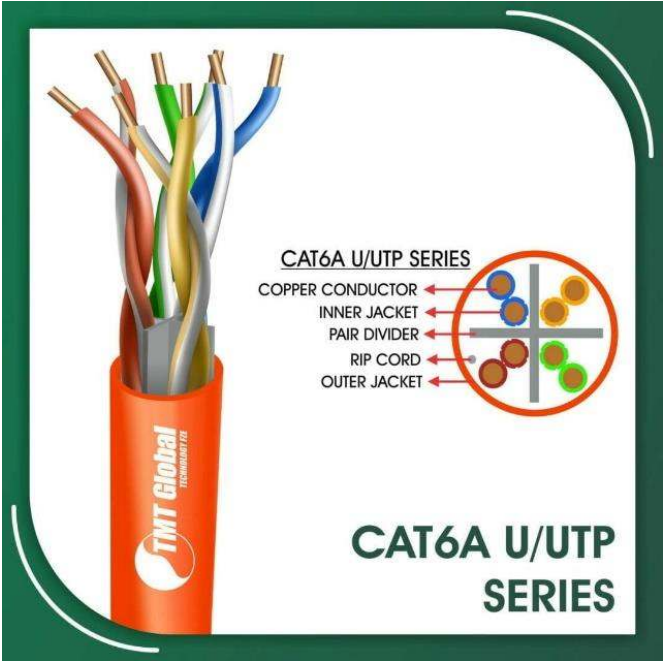
Model No Series	Item Code	Description
TMT-4061	6A135BLB	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLUE
	6A135BLG	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GRAY
	6A135BLK	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLACK
	6A135BLN	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GREEN
	6A135BLO	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - ORANGE
	6A135BLR	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - RED
	6A135BLV	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - VIOLET
	6A135BLW	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - WHITE
	6A135BLY	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - YELLOW
	6A135BLA	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP LSZH Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

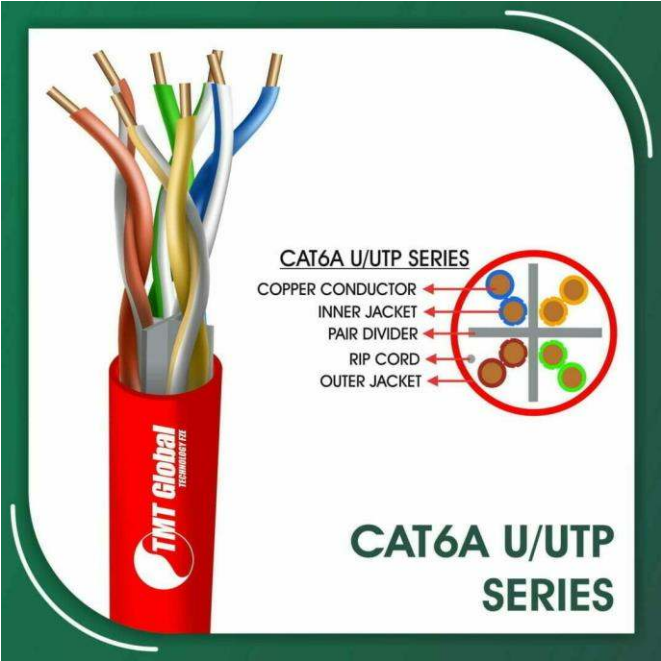
Model No Series	Item Code	Description
TMT-4061	6A135BLB	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLUE
	6A135BLG	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GRAY
	6A135BLK	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLACK
	6A135BLN	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GREEN
	6A135BLO	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - ORANGE
	6A135BLR	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - RED
	6A135BLV	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - VIOLET
	6A135BLW	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - WHITE
	6A135BLY	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - YELLOW
	6A135BLA	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP LSZH Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

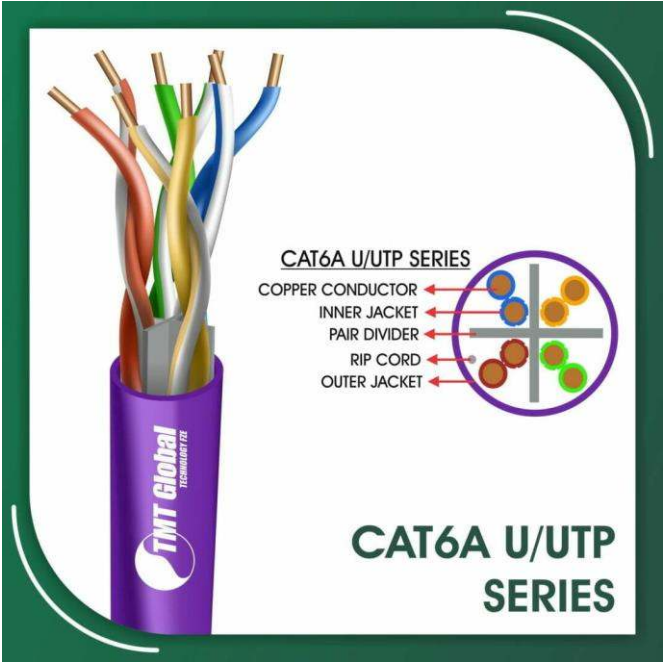
Model No Series	Item Code	Description
TMT-4061	6A135BLB	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLUE
	6A135BLG	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GRAY
	6A135BLK	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLACK
	6A135BLN	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GREEN
	6A135BLO	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - ORANGE
	6A135BLR	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - RED
	6A135BLV	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - VIOLET
	6A135BLW	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - WHITE
	6A135BLY	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - YELLOW
	6A135BLA	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP LSZH Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

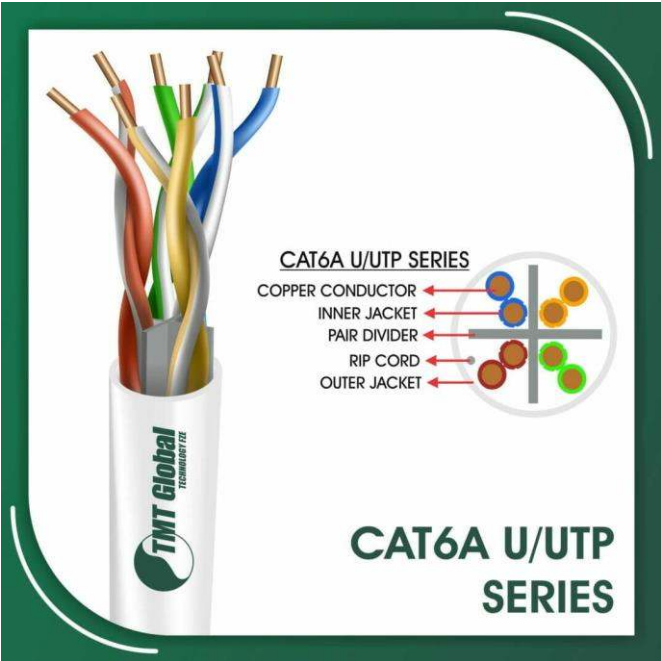
Model No Series	Item Code	Description
TMT-4061	6A135BLB	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLUE
	6A135BLG	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GRAY
	6A135BLK	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLACK
	6A135BLN	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GREEN
	6A135BLO	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - ORANGE
	6A135BLR	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - RED
	6A135BLV	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - VIOLET
	6A135BLW	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - WHITE
	6A135BLY	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - YELLOW
	6A135BLA	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP LSZH Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

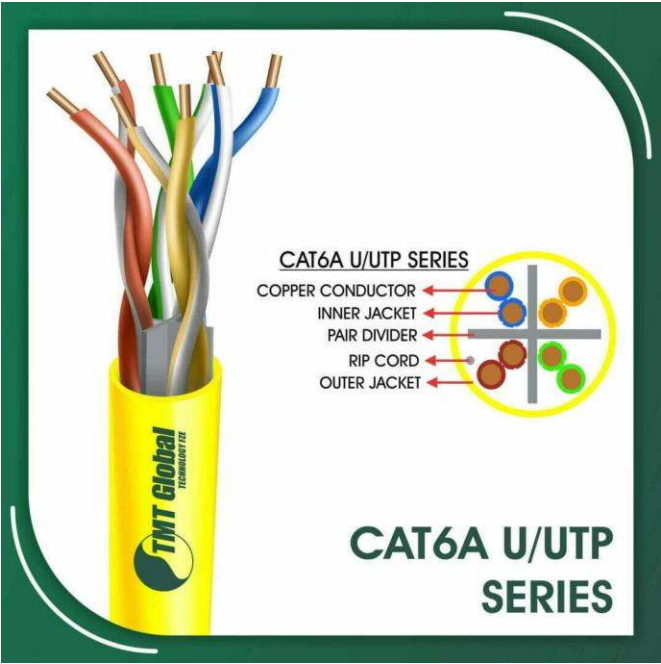
Model No Series	Item Code	Description
TMT-4061	6A135BLB	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLUE
	6A135BLG	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GRAY
	6A135BLK	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLACK
	6A135BLN	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GREEN
	6A135BLO	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - ORANGE
	6A135BLR	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - RED
	6A135BLV	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - VIOLET
	6A135BLW	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - WHITE
	6A135BLY	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - YELLOW
	6A135BLA	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP LSZH Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

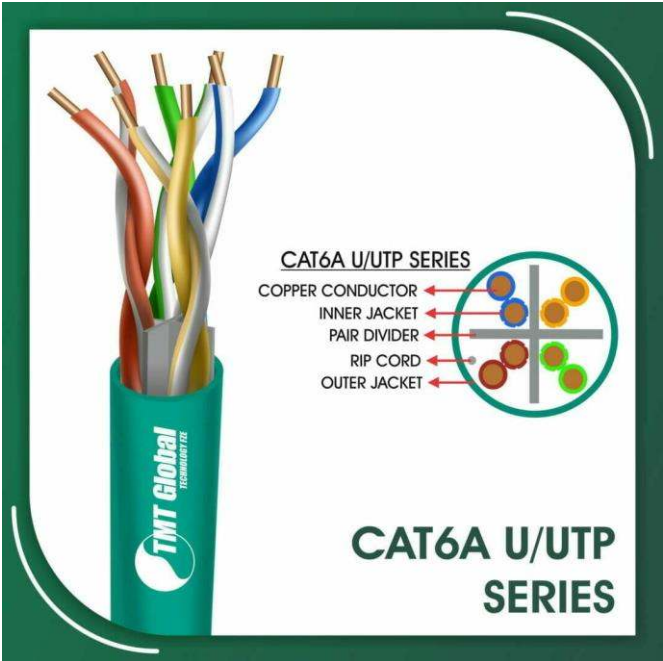
Model No Series	Item Code	Description
TMT-4061	6A135BLB	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLUE
	6A135BLG	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GRAY
	6A135BLK	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLACK
	6A135BLN	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GREEN
	6A135BLO	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - ORANGE
	6A135BLR	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - RED
	6A135BLV	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - VIOLET
	6A135BLW	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - WHITE
	6A135BLY	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - YELLOW
	6A135BLA	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP LSZH Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

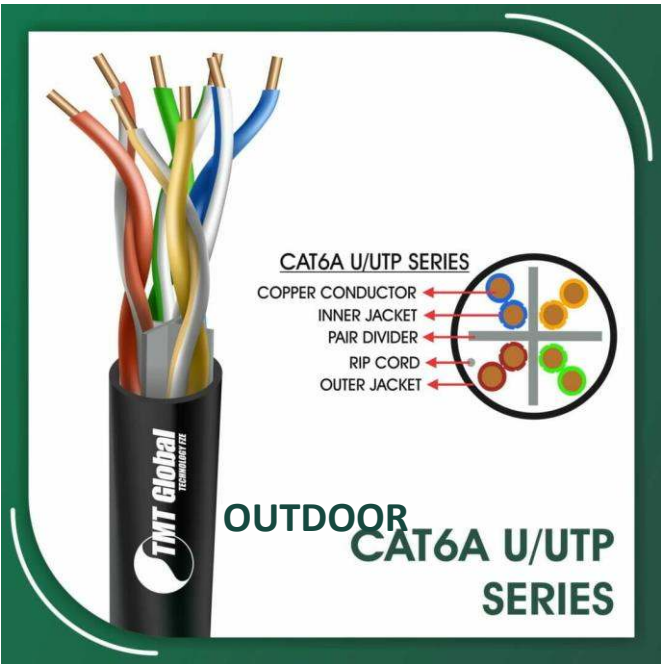
Model No Series	Item Code	Description
TMT-4061	6A135BLB	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLUE
	6A135BLG	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GRAY
	6A135BLK	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - BLACK
	6A135BLN	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - GREEN
	6A135BLO	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - ORANGE
	6A135BLR	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - RED
	6A135BLV	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - VIOLET
	6A135BLW	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - WHITE
	6A135BLY	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - YELLOW
	6A135BLA	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH - AQUA



CAT6a U/UTP 23 AWG 4 Pair Network PE Outdoor Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this Outdoor cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	Heavy-duty, black, UV-resistant PE compound for outdoor use.
Standard Jacket Color	Black
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

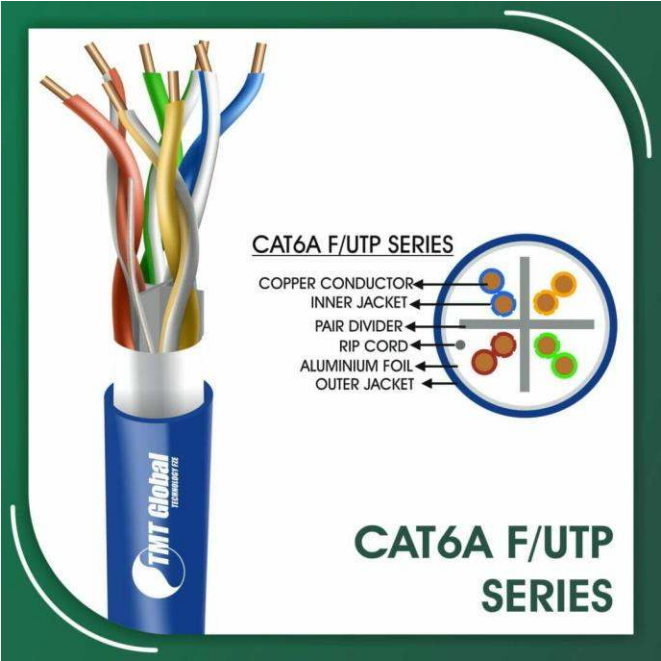
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TMT-4063	6a135BOK	23AWG 4PAIR CAT6A U/UTP OUTDOOR CABLE 305M - BLACK



CAT6a F/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

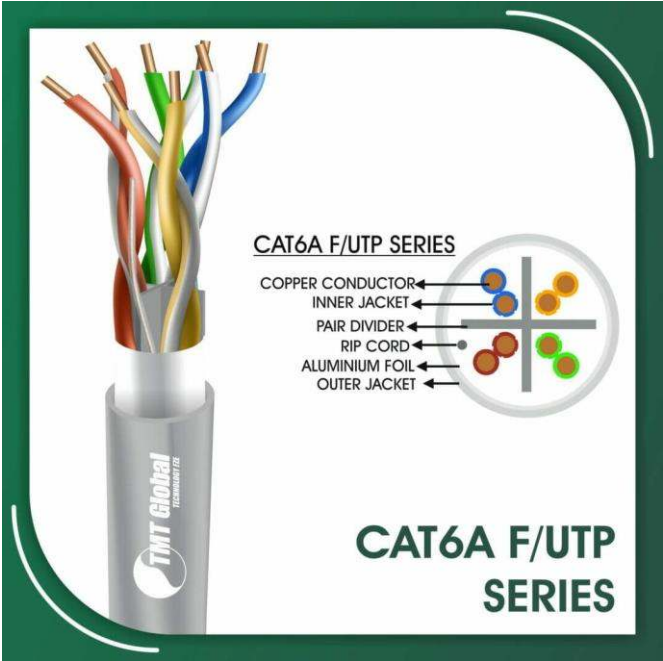
Model No Series	Item Code	Description
TMT-4070	6A235BPB	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLUE
	6A235BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A235BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A235BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A235BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A235BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A235BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A235BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A235BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A235BPA	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

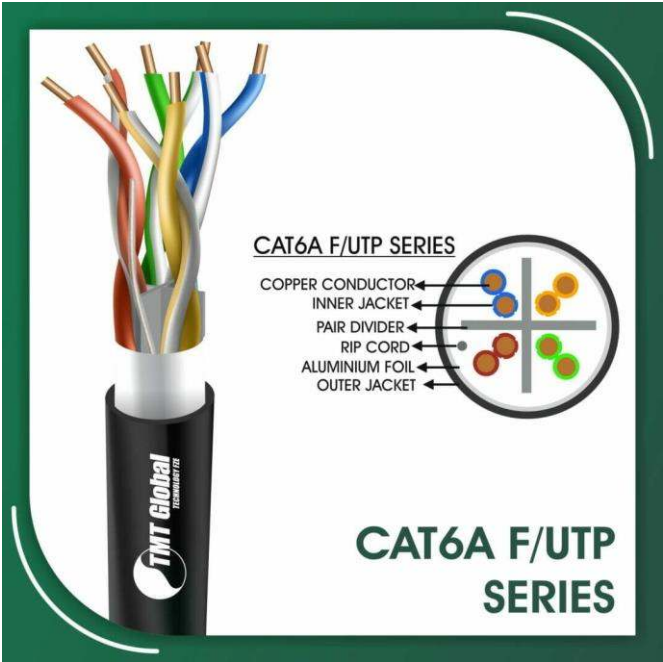
Model No Series	Item Code	Description
TMT-4070	6A235BPB	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLUE
	6A235BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A235BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A235BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A235BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A235BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A235BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A235BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A235BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A235BPA	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

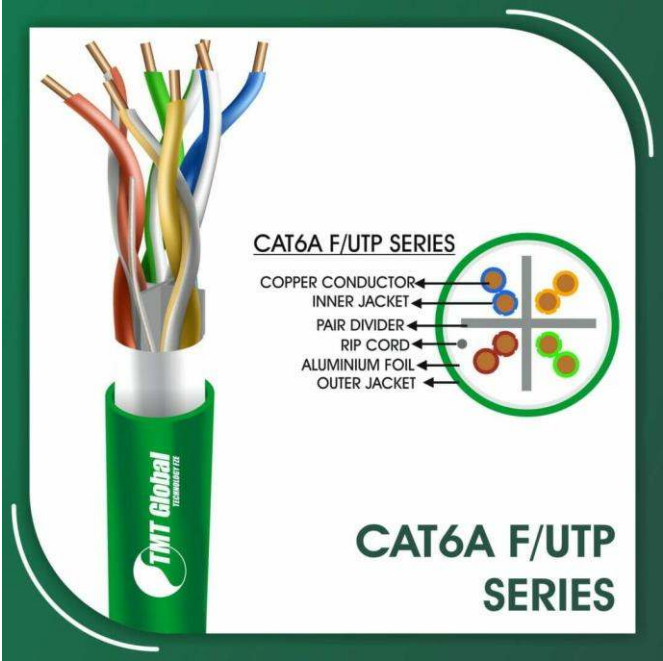
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A235BPB	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLUE
	6A235BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A235BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A235BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A235BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A235BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A235BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A235BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A235BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A235BPA	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

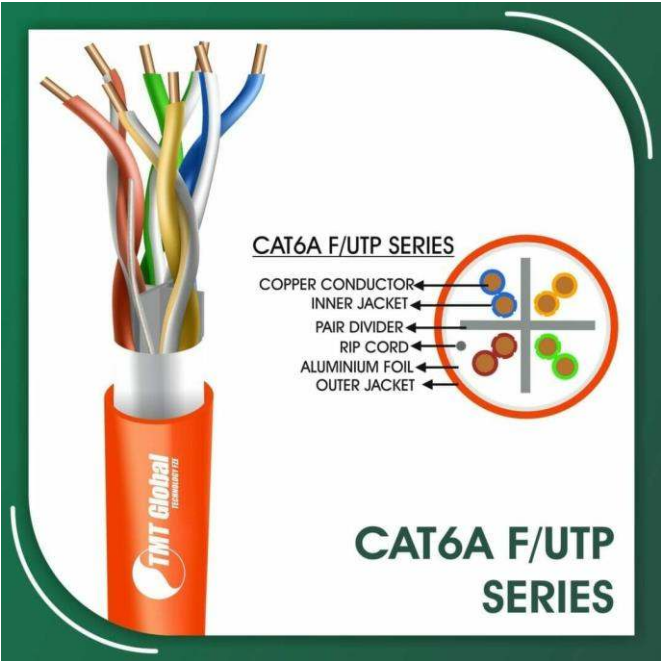
Model No Series	Item Code	Description
TMT-4070	6A235BPB	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLUE
	6A235BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A235BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A235BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A235BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A235BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A235BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A235BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A235BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A235BPA	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

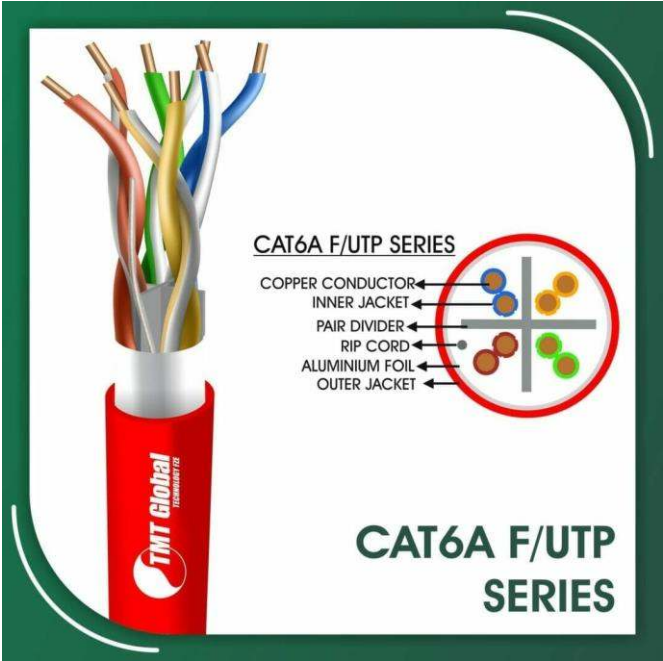
Model No Series	Item Code	Description
TMT-4070	6A235BPB	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLUE
	6A235BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A235BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A235BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A235BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A235BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A235BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A235BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A235BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A235BPA	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

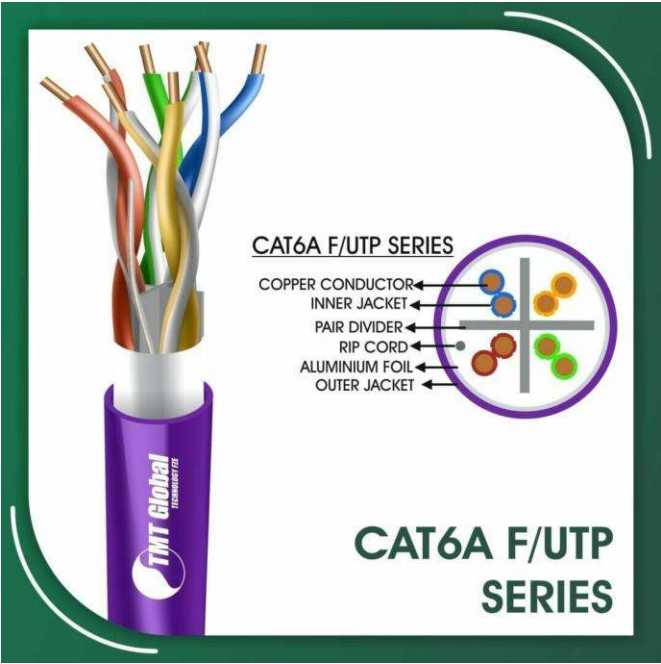
Model No Series	Item Code	Description
TMT-4070	6A235BPB	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLUE
	6A235BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A235BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A235BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A235BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A235BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A235BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A235BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A235BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A235BPA	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

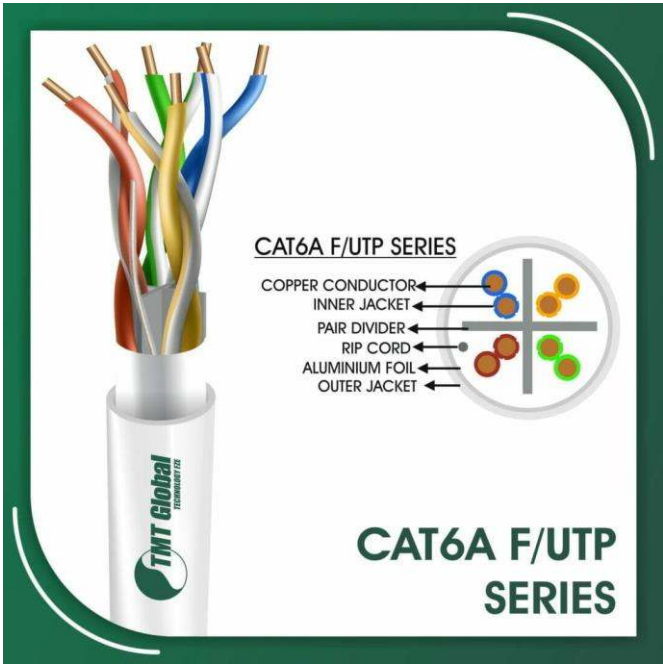
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A235BPB	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLUE
	6A235BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A235BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A235BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A235BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A235BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A235BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A235BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A235BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A235BPA	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

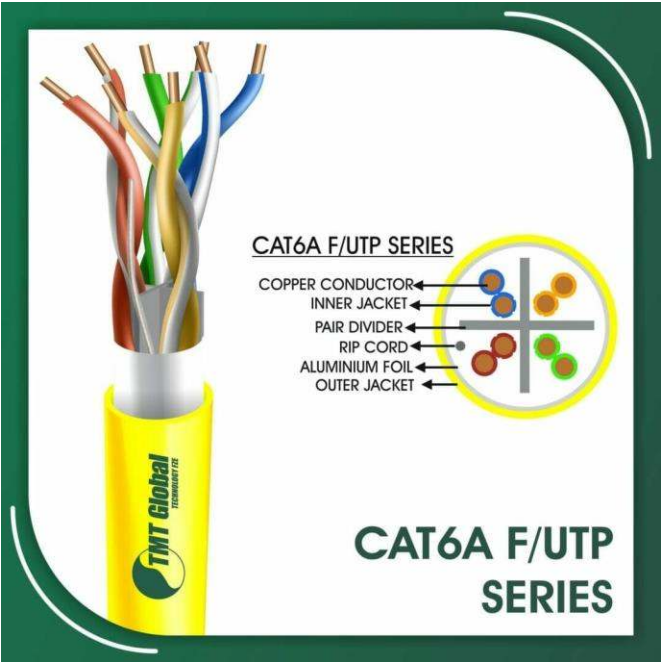
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A235BPB	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLUE
	6A235BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A235BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A235BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A235BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A235BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A235BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A235BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A235BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A235BPA	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

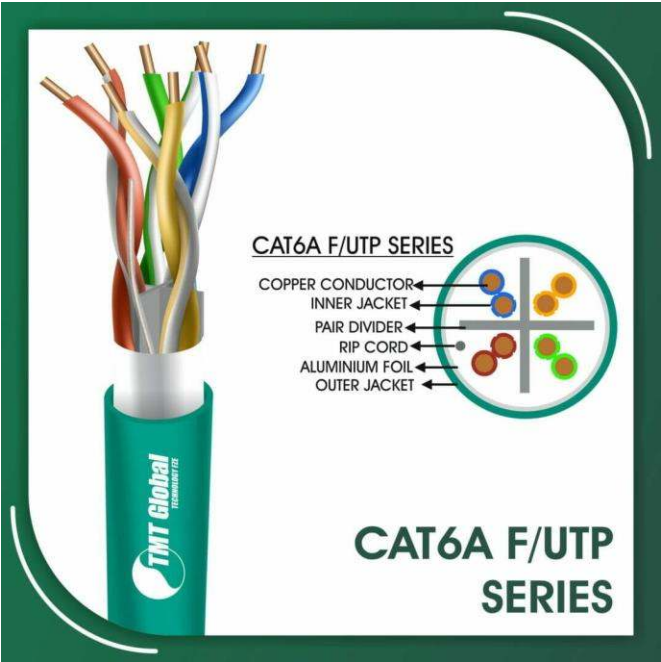
Model No Series	Item Code	Description
TMT-4070	6A235BPB	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLUE
	6A235BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A235BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A235BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A235BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A235BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A235BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A235BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A235BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A235BPA	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



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Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
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Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

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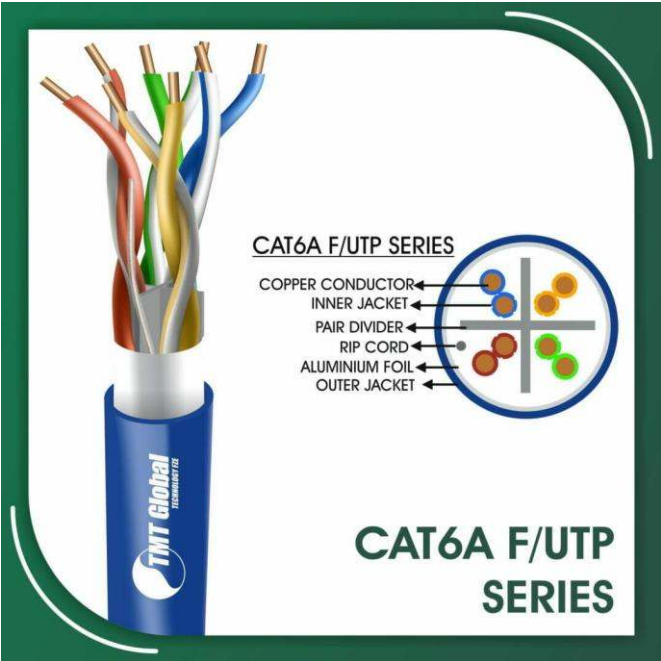
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	6A235BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A235BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A235BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A235BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A235BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A235BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A235BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A235BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A235BPA	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

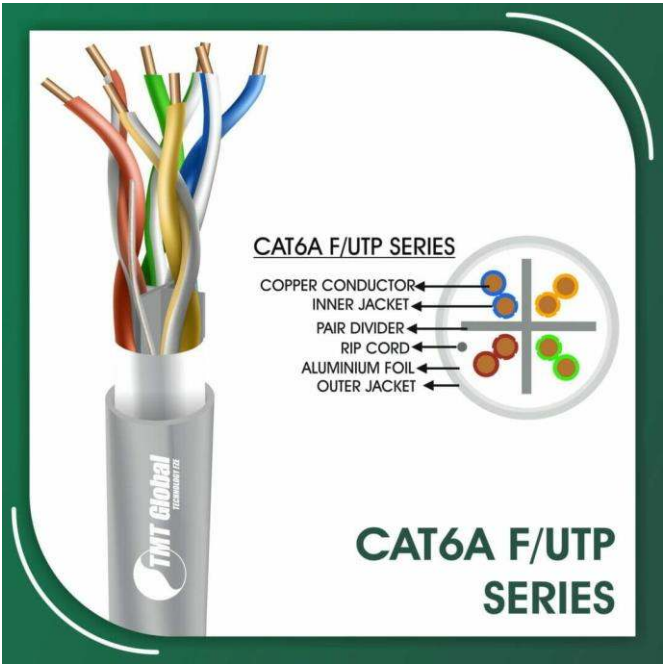
Model No Series	Item Code	Description
TMT-4070	6A235BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A235BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A235BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A235BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A235BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A235BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A235BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A235BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A235BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A235BLA	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

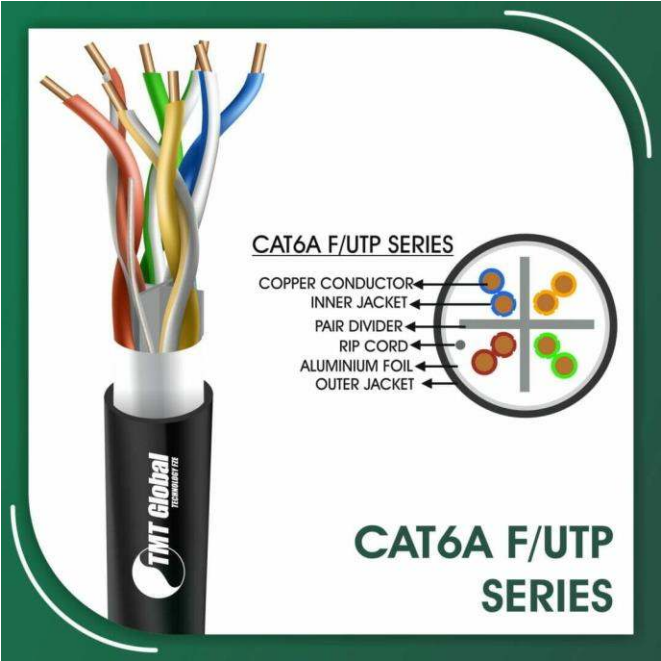
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	6A235BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A235BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A235BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A235BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A235BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A235BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A235BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A235BLA	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network LSZH Cable

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Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

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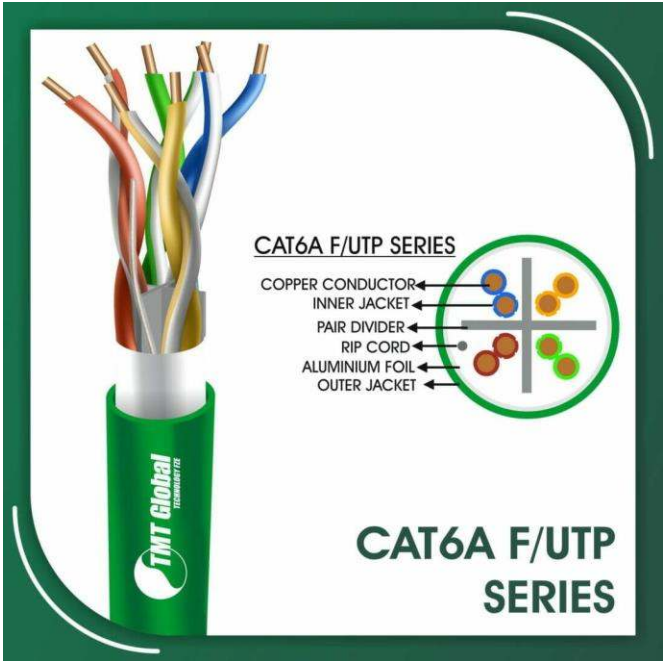
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	6A235BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A235BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A235BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
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CAT6a F/UTP 23 AWG 4 Pair Network LSZH Cable

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Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
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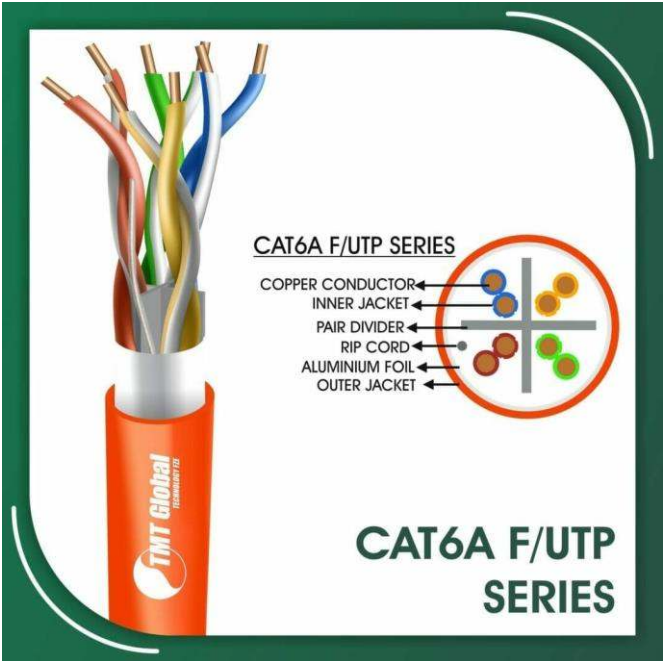
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Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

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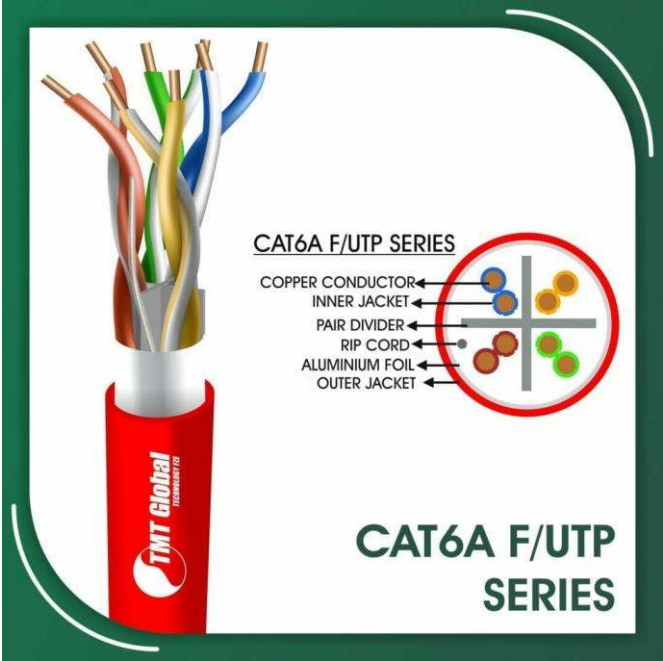
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	6A235BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A235BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A235BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A235BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A235BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
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ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

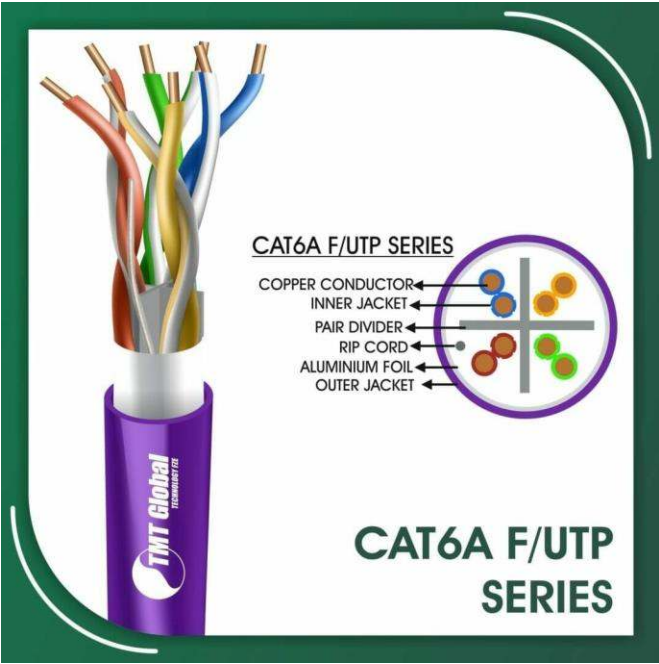
Model No Series	Item Code	Description
TMT-4070	6A235BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A235BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A235BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A235BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A235BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A235BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A235BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A235BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A235BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A235BLA	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

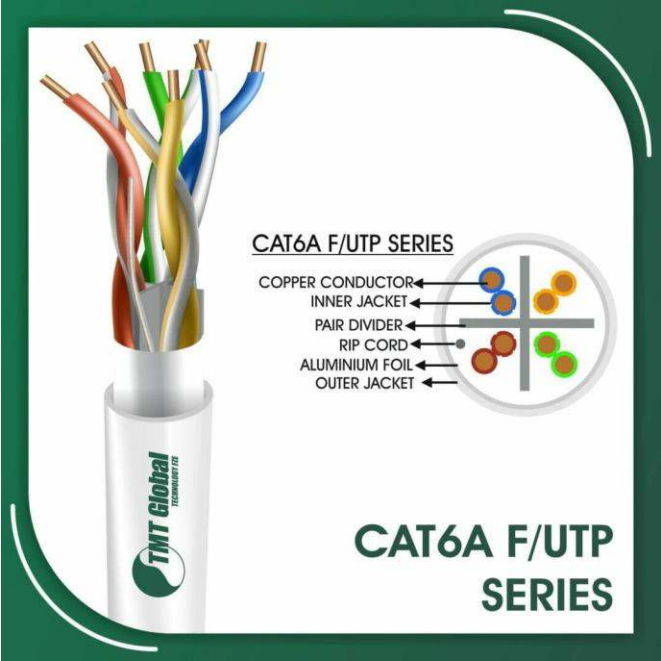
Model No Series	Item Code	Description
TMT-4070	6A235BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A235BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A235BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A235BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A235BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A235BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A235BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A235BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A235BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A235BLA	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

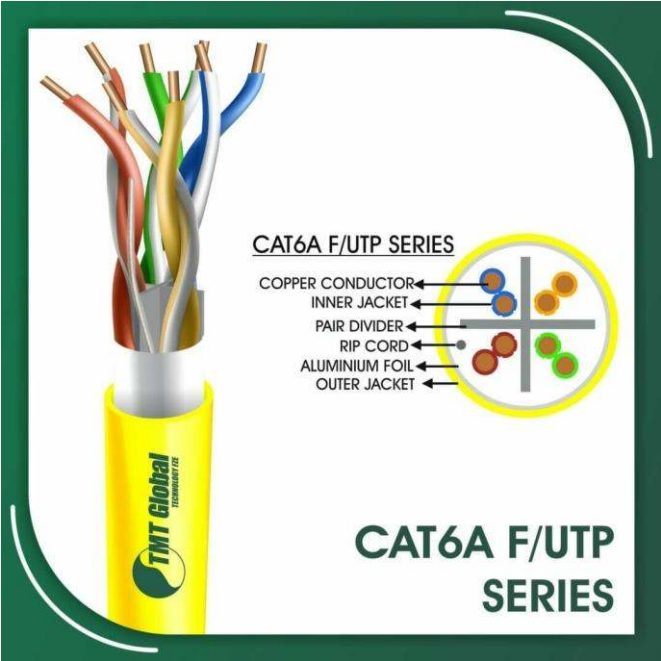
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A235BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A235BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A235BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A235BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A235BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A235BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A235BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A235BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A235BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A235BLA	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

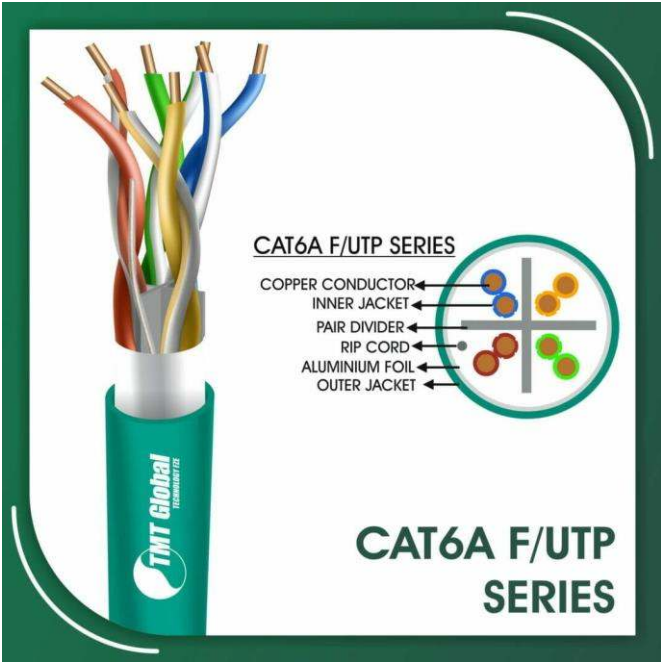
Model No Series	Item Code	Description
TMT-4070	6A235BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A235BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A235BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A235BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A235BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A235BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A235BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A235BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A235BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A235BLA	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - AQUA



CAT6a F/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	N
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A235BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A235BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A235BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A235BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A235BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A235BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A235BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A235BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A235BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A235BLA	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network PE Outdoor Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this Outdoor cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	Heavy-duty, black, UV-resistant PE compound for outdoor use.
Standard Jacket Color	Black
Overall Coverage	Aluminum Foil Polyester Tape
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
TMT-4065	6a235BOK	23AWG 4PAIR CAT6a F/UTP OUTDOOR CABLE 305M - BLACK



CAT6a SF/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminum tape
Ground wire	copper conductor
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A735BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A735BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A735BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A735BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A735BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A735BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A735BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A735BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A735BPA	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - AQUA



CAT6a SF/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminum tape
Ground wire	copper conductor
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

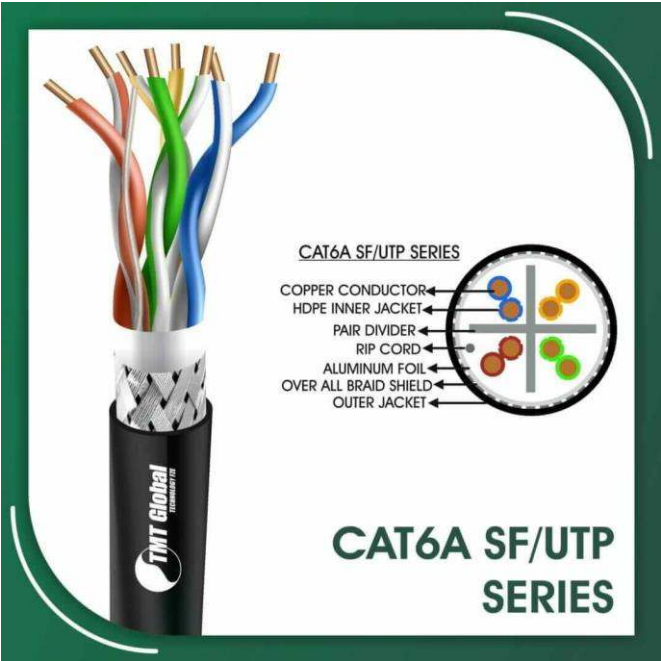
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A735BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A735BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A735BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A735BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A735BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A735BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A735BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A735BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A735BPA	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - AQUA

CAT6a SF/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminum tape
Ground wire	copper conductor
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

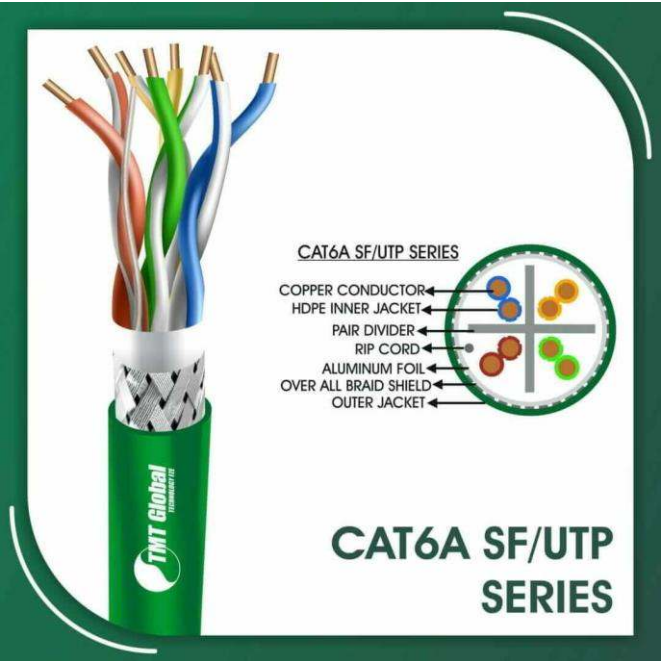
Model No Series	Item Code	Description
TMT-4082	6A735BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A735BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A735BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A735BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A735BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A735BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A735BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A735BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A735BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A735BPA	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - AQUA



CAT6a SF/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminum tape
Ground wire	copper conductor
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

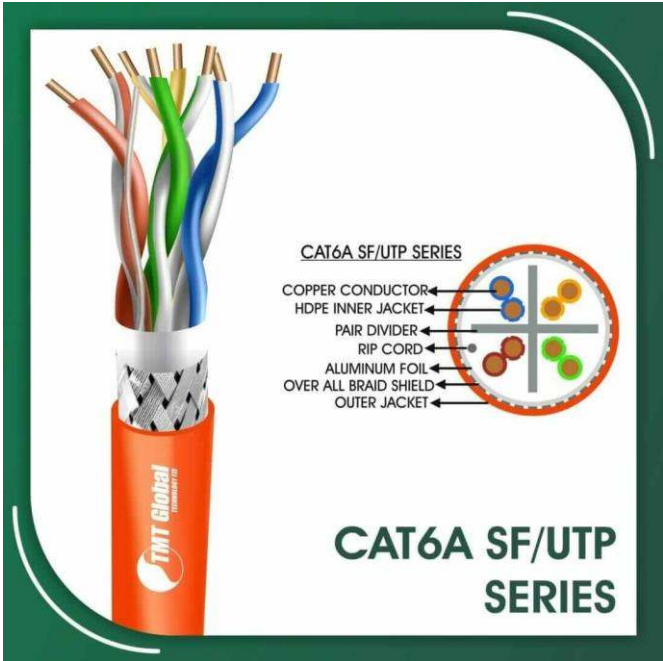
Model No Series	Item Code	Description
TMT-4082	6A735BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A735BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A735BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A735BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A735BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A735BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A735BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A735BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A735BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A735BPA	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - AQUA



CAT6a SF/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminum tape
Ground wire	copper conductor
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

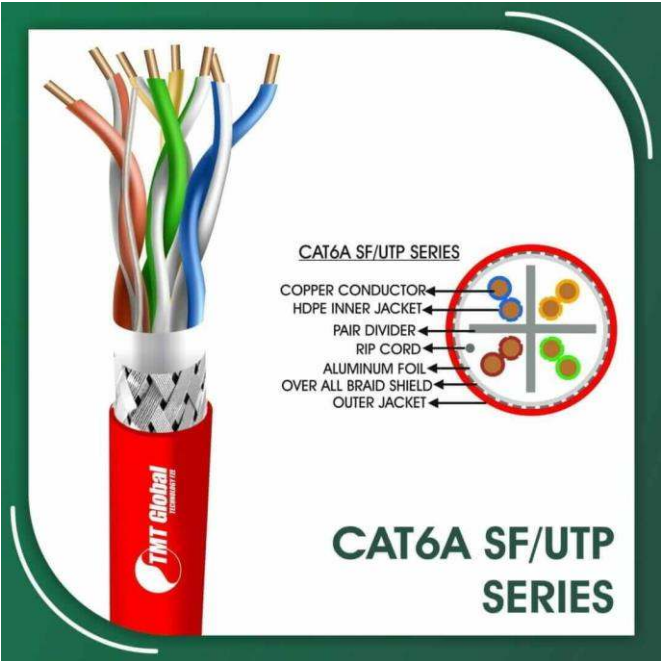
Model No Series	Item Code	Description
TMT-4082	6A735BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A735BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A735BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A735BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A735BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A735BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A735BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A735BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A735BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A735BPA	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - AQUA



CAT6a SF/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminum tape
Ground wire	copper conductor
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

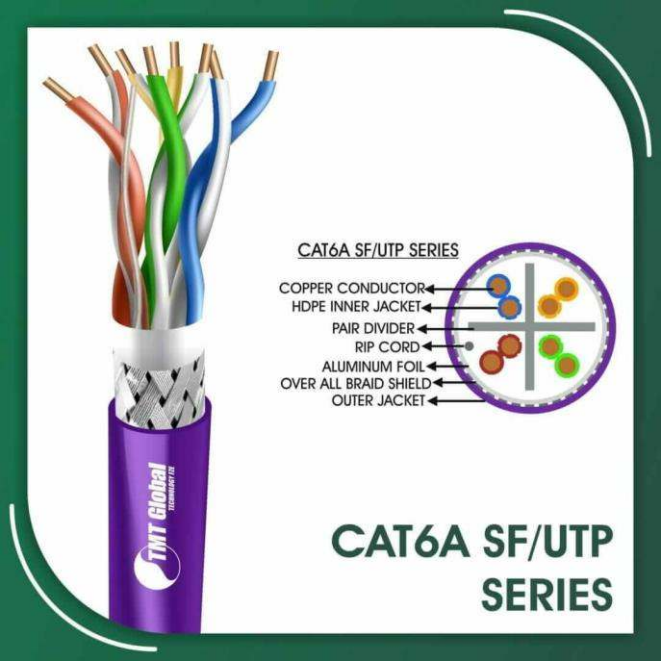
Model No Series	Item Code	Description
TMT-4082	6A735BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A735BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A735BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A735BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A735BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A735BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A735BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A735BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A735BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A735BPA	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - AQUA



CAT6a SF/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminum tape
Ground wire	copper conductor
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

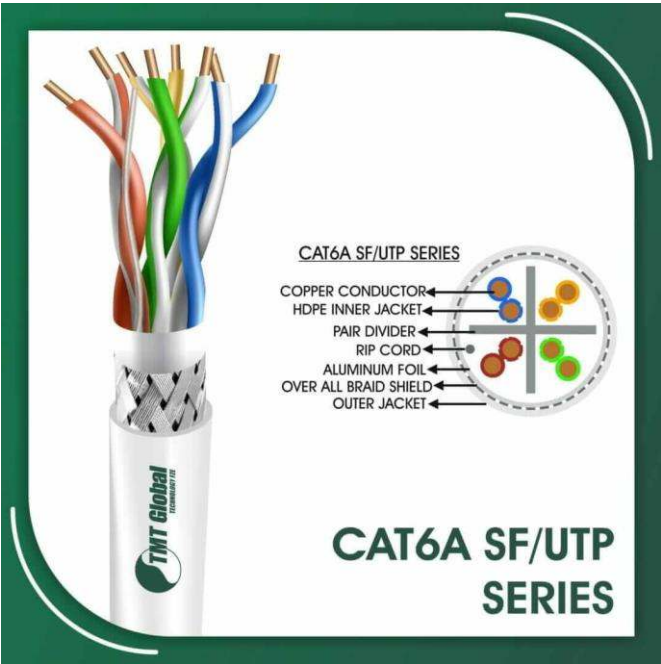
Model No Series	Item Code	Description
TMT-4082	6A735BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A735BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A735BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A735BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A735BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A735BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A735BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A735BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A735BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A735BPA	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - AQUA



CAT6a SF/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminum tape
Ground wire	copper conductor
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A735BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A735BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A735BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A735BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A735BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A735BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A735BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A735BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A735BPA	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - AQUA



CAT6a SF/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminum tape
Ground wire	copper conductor
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A735BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A735BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A735BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A735BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A735BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A735BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A735BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A735BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A735BPA	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - AQUA



CAT6a SF/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminum tape
Ground wire	copper conductor
Overall Screening	N
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A735BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A735BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A735BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A735BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A735BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A735BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A735BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A735BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A735BPA	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - AQUA

CAT6a SF/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braided Shield + Aluminum Foil Polyester Tape
Ground wire	copper conductor laid
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

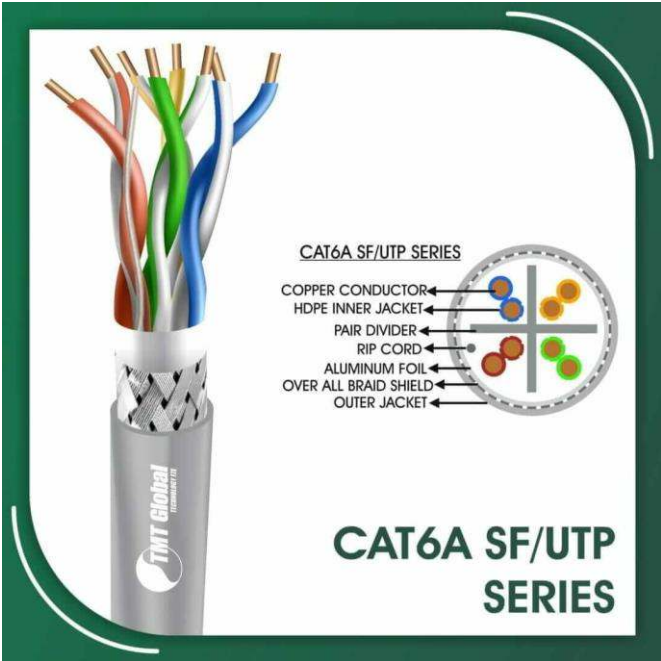
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A735BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A735BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A735BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A735BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A735BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A735BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A735BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A735BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A735BLA	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - AQUA

CAT6a SF/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braided Shield + Aluminum Foil Polyester Tape
Ground wire	copper conductor laid
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

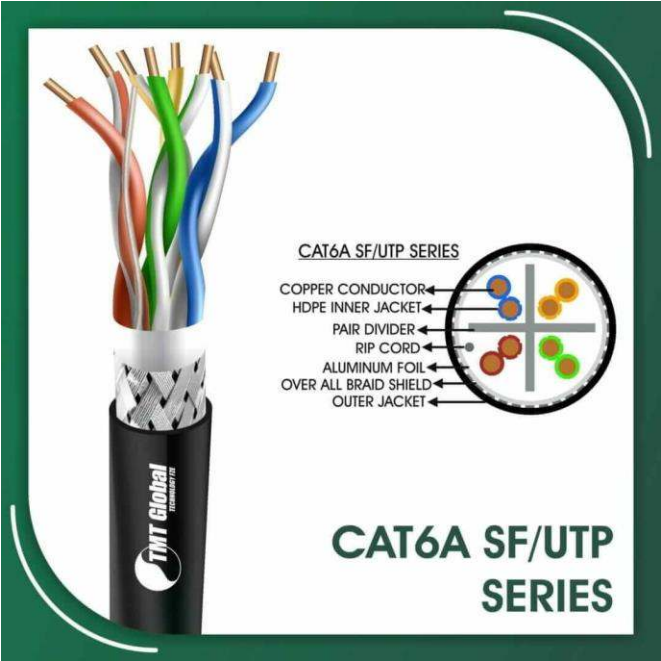
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A735BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A735BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A735BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A735BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A735BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A735BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A735BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A735BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A735BLA	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - AQUA

CAT6a SF/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braided Shield + Aluminum Foil Polyester Tape
Ground wire	copper conductor laid
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A735BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A735BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A735BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A735BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A735BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A735BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A735BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A735BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A735BLA	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - AQUA

Standards: ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 61156-5 (ISO/IEC-11801 Class -E)

ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

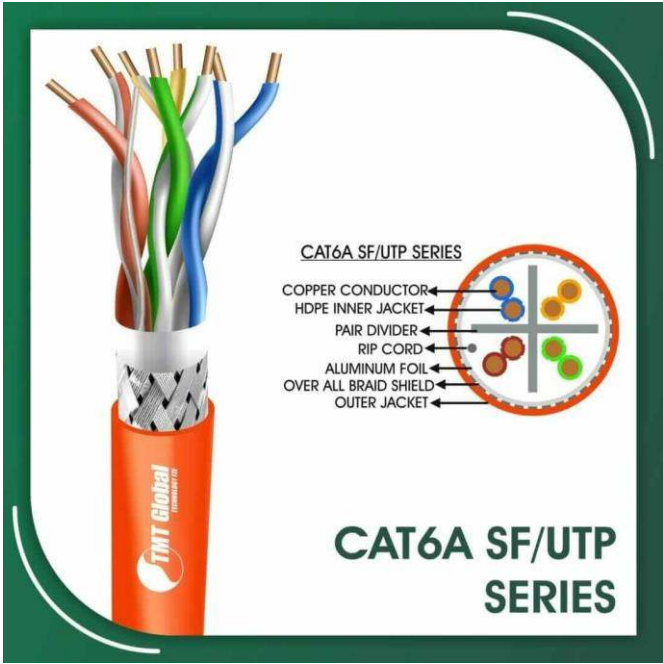
PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braided Shield + Aluminum Foil Polyester Tape
Ground wire	copper conductor laid
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information		
Model No Series	Item Code	Description
TMT-4082	6A735BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A735BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A735BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A735BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A735BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A735BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A735BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A735BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A735BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
6A735BIA	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - AQUA	

CAT6a SF/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braided Shield + Aluminum Foil Polyester Tape
Ground wire	copper conductor laid
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

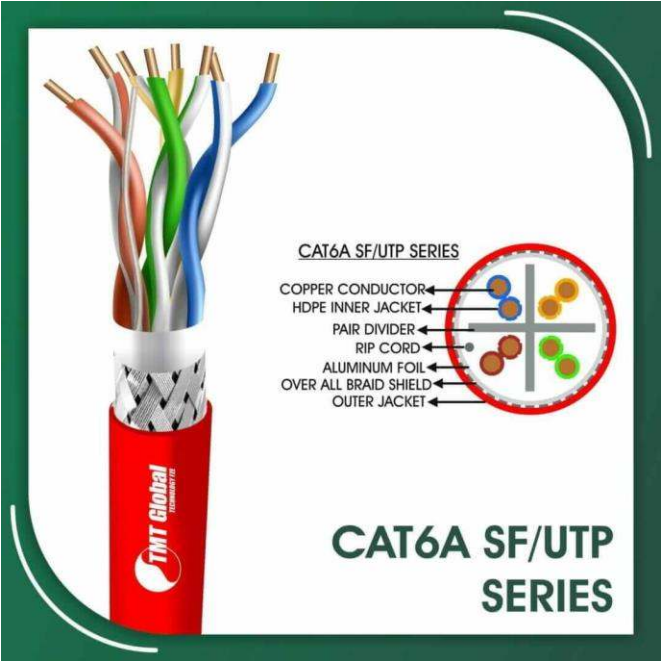
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A735BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A735BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A735BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A735BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A735BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A735BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A735BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A735BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A735BLA	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - AQUA

CAT6a SF/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braided Shield + Aluminum Foil Polyester Tape
Ground wire	copper conductor laid
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

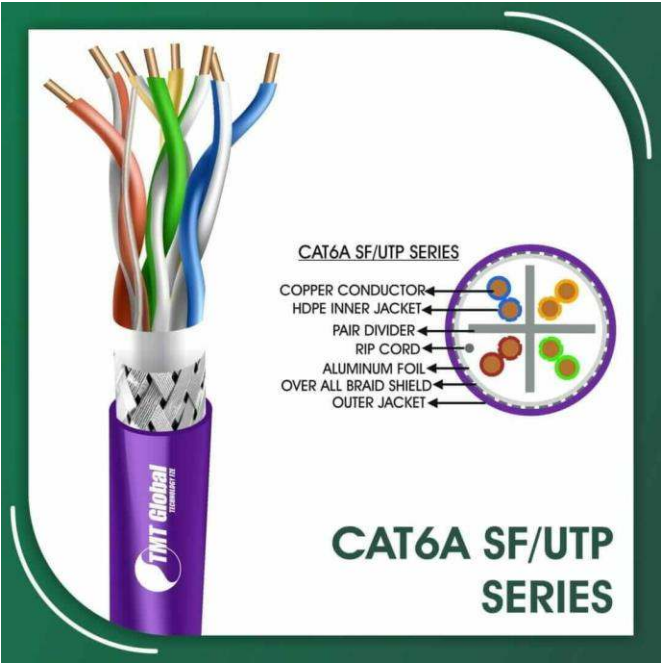
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A735BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A735BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A735BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A735BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A735BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A735BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A735BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A735BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A735BLA	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - AQUA

CAT6a SF/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braided Shield + Aluminum Foil Polyester Tape
Ground wire	copper conductor laid
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

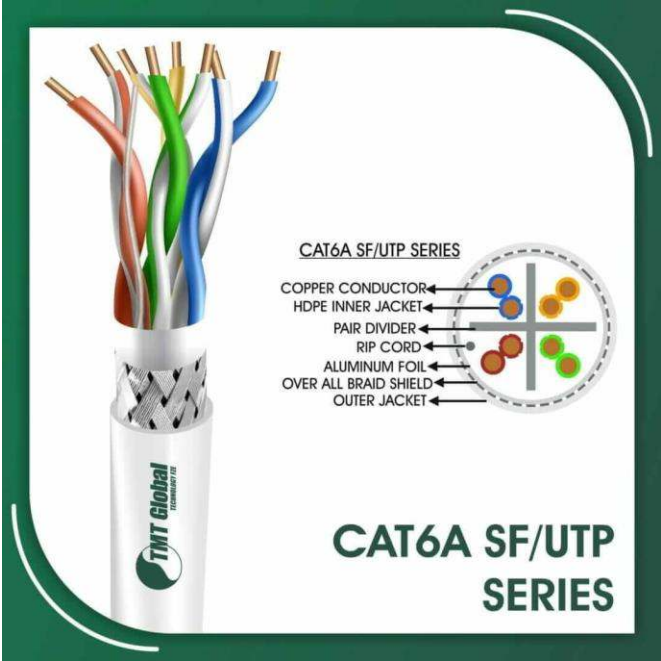
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A735BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A735BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A735BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A735BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A735BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A735BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A735BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A735BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A735BLA	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - AQUA

CAT6a SF/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braided Shield + Aluminum Foil Polyester Tape
Ground wire	copper conductor laid
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A735BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A735BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A735BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A735BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A735BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A735BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A735BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A735BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A735BLA	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - AQUA

CAT6a SF/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braided Shield + Aluminum Foil Polyester Tape
Ground wire	copper conductor laid
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

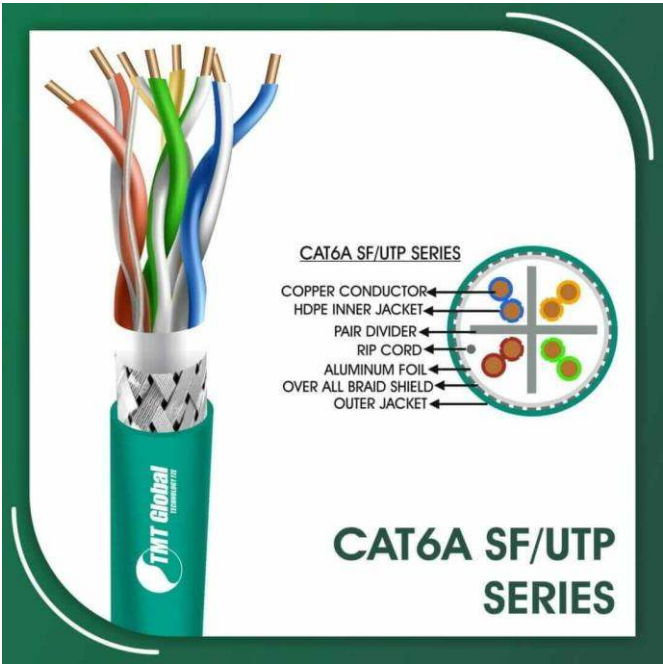
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A735BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A735BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A735BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A735BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A735BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A735BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A735BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A735BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A735BLA	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - AQUA

CAT6a SF/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braided Shield + Aluminum Foil Polyester Tape
Ground wire	copper conductor laid
Overall Screening	N
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A735BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A735BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A735BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A735BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A735BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A735BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A735BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A735BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A735BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A735BLA	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - AQUA

CAT6a SF/UTP 23 AWG 4 Pair Network PE Outdoor Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair SF-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this Outdoor cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braided Shield + Aluminum Foil Polyester Tape
Ground wire	copper conductor laid
Overall Screening	N
Outer Jacket	Heavy-duty, black, UV-resistant PE compound for outdoor use
Standard Jacket Color	Black
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

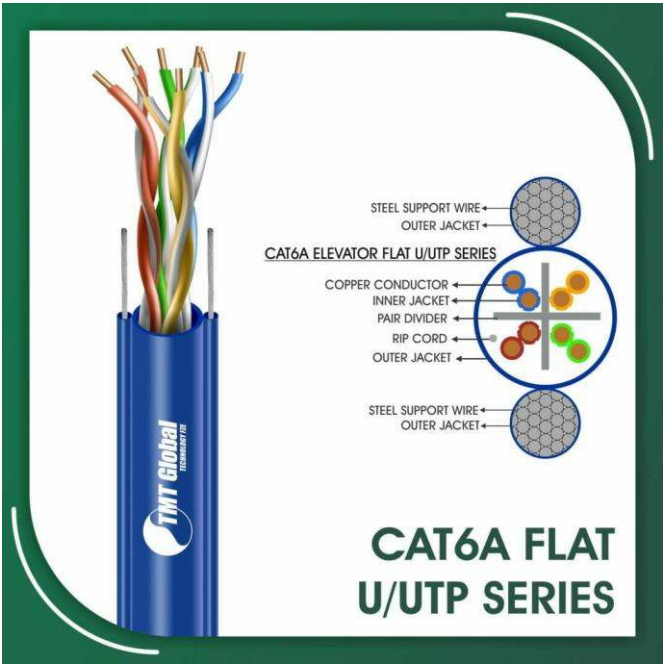
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6a735BOK	23AWG 4PAIR CAT6a SF/UTP OUTDOOR CABLE 305M - BLACK

CAT6a U/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP ELASTIC PVC Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

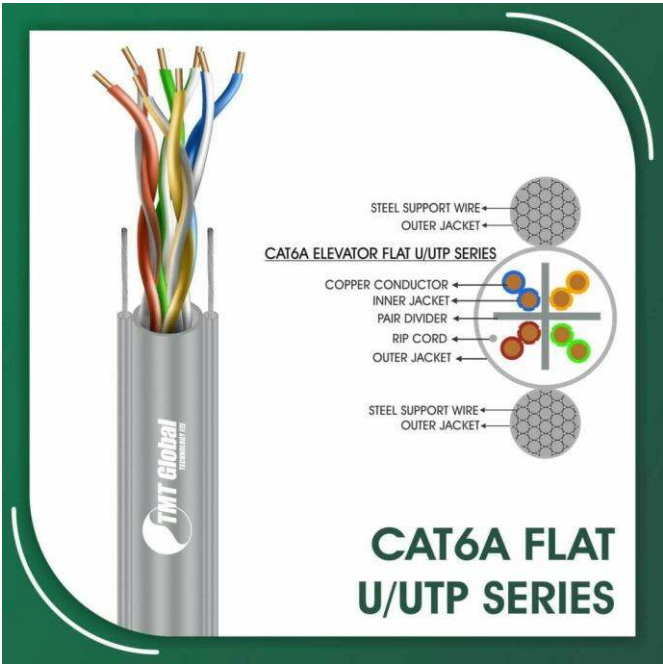
Ordering Information

Model No Series	Item Code	Description
6A635BEB	6A635BEB	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLUE
6A635BEG	6A635BEG	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GRAY
6A635BEK	6A635BEK	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLACK
6A635BEN	6A635BEN	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GREEN
6A635BEO	6A635BEO	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - ORANGE
6A635BER	6A635BER	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - RED
6A635BEV	6A635BEV	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - VIOLET
6A635BEW	6A635BEW	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - WHITE
6A635BEY	6A635BEY	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - YELLOW
6A635BEA	6A635BEA	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP ELASTIC PVC Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

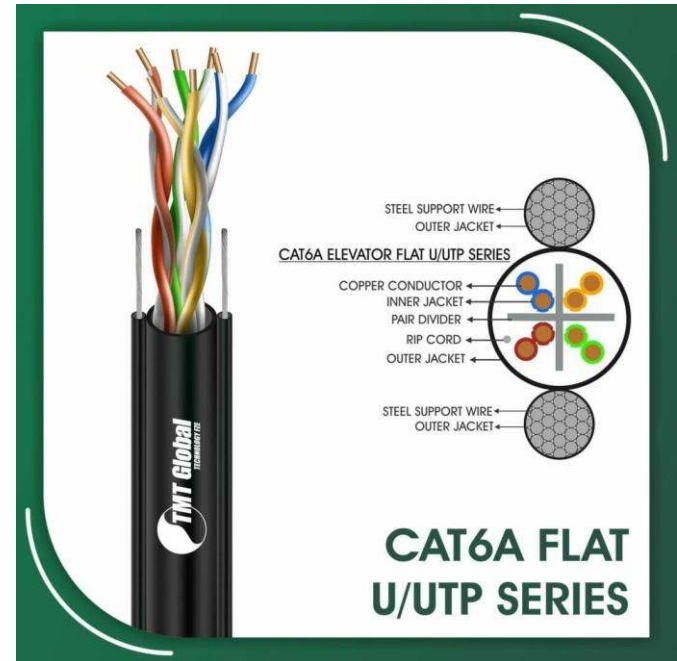
Ordering Information

Model No Series	Item Code	Description
6A635BEB	6A635BEB	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLUE
6A635BEG	6A635BEG	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GRAY
6A635BEK	6A635BEK	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLACK
6A635BEN	6A635BEN	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GREEN
6A635BEO	6A635BEO	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - ORANGE
6A635BER	6A635BER	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - RED
6A635BEV	6A635BEV	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - VIOLET
6A635BEW	6A635BEW	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - WHITE
6A635BEY	6A635BEY	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - YELLOW
6A635BEA	6A635BEA	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP ELASTIC PVC Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

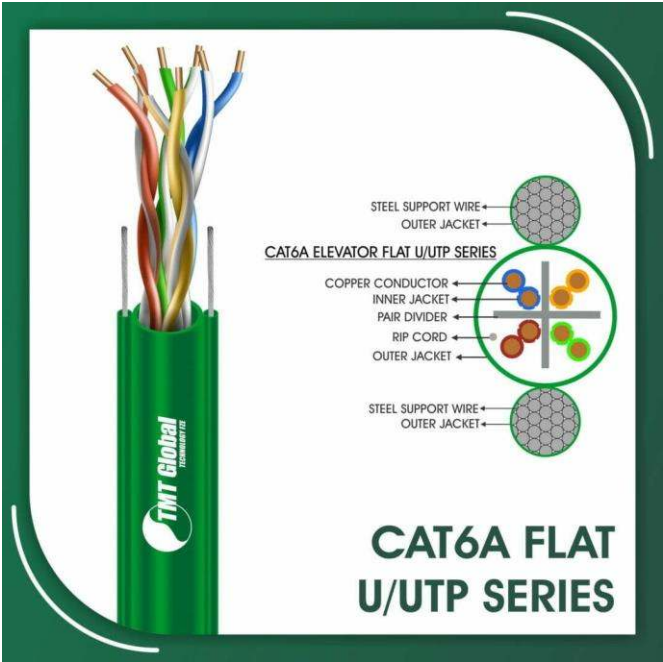
PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information		
Model No Series	Item Code	Description
6A635BEB	6A635BEB	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLUE
6A635BEG	6A635BEG	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GRAY
6A635BEK	6A635BEK	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLACK
6A635BEN	6A635BEN	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GREEN
6A635BEO	6A635BEO	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - ORANGE
6A635BER	6A635BER	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - RED
6A635BEV	6A635BEV	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - VIOLET
6A635BEW	6A635BEW	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - WHITE
6A635BEY	6A635BEY	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - YELLOW
6A635BEA	6A635BEA	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP ELASTIC PVC Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

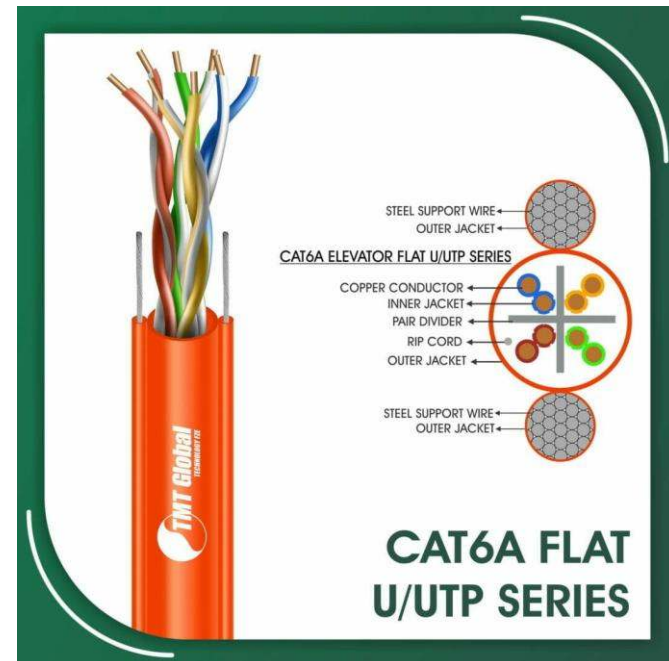
Ordering Information

Model No Series	Item Code	Description
6A635BEB	6A635BEB	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLUE
6A635BEG	6A635BEG	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GRAY
6A635BEK	6A635BEK	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLACK
6A635BEN	6A635BEN	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GREEN
6A635BEO	6A635BEO	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - ORANGE
6A635BER	6A635BER	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - RED
6A635BEV	6A635BEV	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - VIOLET
6A635BEW	6A635BEW	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - WHITE
6A635BEY	6A635BEY	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - YELLOW
6A635BEA	6A635BEA	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP ELASTIC PVC Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

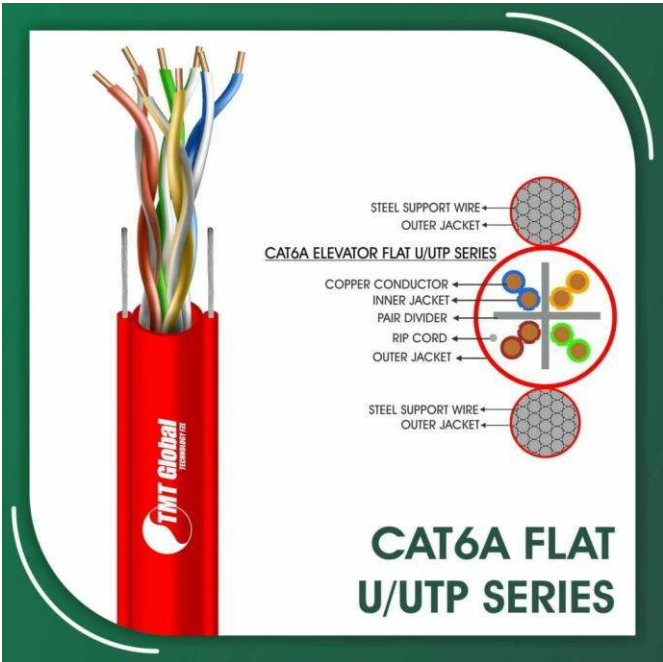
PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information		
Model No Series	Item Code	Description
6A635BEB	6A635BEB	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLUE
6A635BEG	6A635BEG	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GRAY
6A635BEK	6A635BEK	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLACK
6A635BEN	6A635BEN	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GREEN
6A635BEO	6A635BEO	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - ORANGE
6A635BER	6A635BER	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - RED
6A635BEV	6A635BEV	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - VIOLET
6A635BEW	6A635BEW	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - WHITE
6A635BEY	6A635BEY	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - YELLOW
6A635BEA	6A635BEA	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP ELASTIC PVC Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

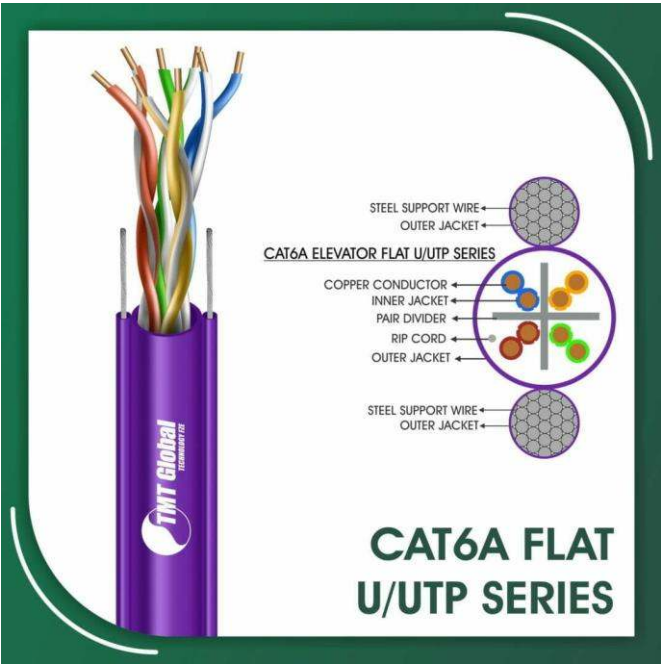
Ordering Information

Model No Series	Item Code	Description
6A635BEB	6A635BEB	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLUE
6A635BEG	6A635BEG	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GRAY
6A635BEK	6A635BEK	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLACK
6A635BEN	6A635BEN	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GREEN
6A635BEO	6A635BEO	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - ORANGE
6A635BER	6A635BER	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - RED
6A635BEV	6A635BEV	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - VIOLET
6A635BEW	6A635BEW	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - WHITE
6A635BEY	6A635BEY	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - YELLOW
6A635BEA	6A635BEA	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP ELASTIC PVC Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

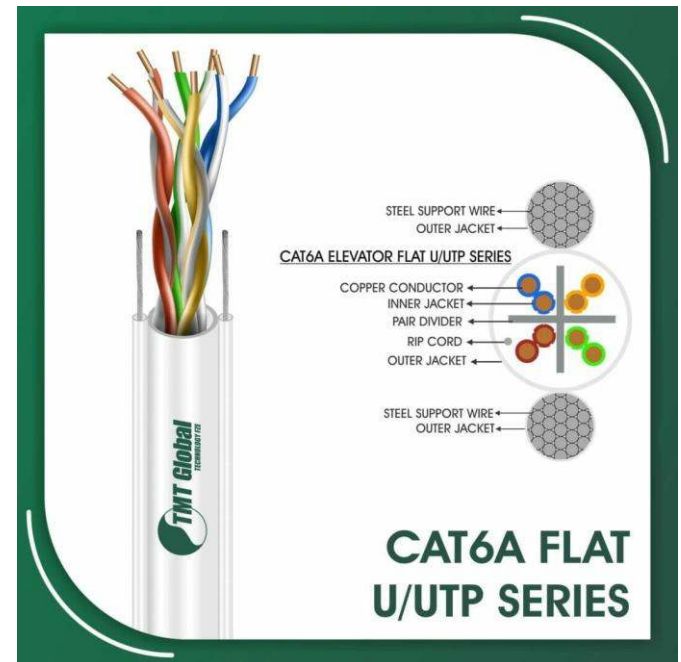
Ordering Information

Model No Series	Item Code	Description
6A635BEB	6A635BEB	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLUE
6A635BEG	6A635BEG	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GRAY
6A635BEK	6A635BEK	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLACK
6A635BEN	6A635BEN	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GREEN
6A635BEO	6A635BEO	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - ORANGE
6A635BER	6A635BER	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - RED
6A635BEV	6A635BEV	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - VIOLET
6A635BEW	6A635BEW	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - WHITE
6A635BEY	6A635BEY	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - YELLOW
6A635BEA	6A635BEA	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP ELASTIC PVC Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

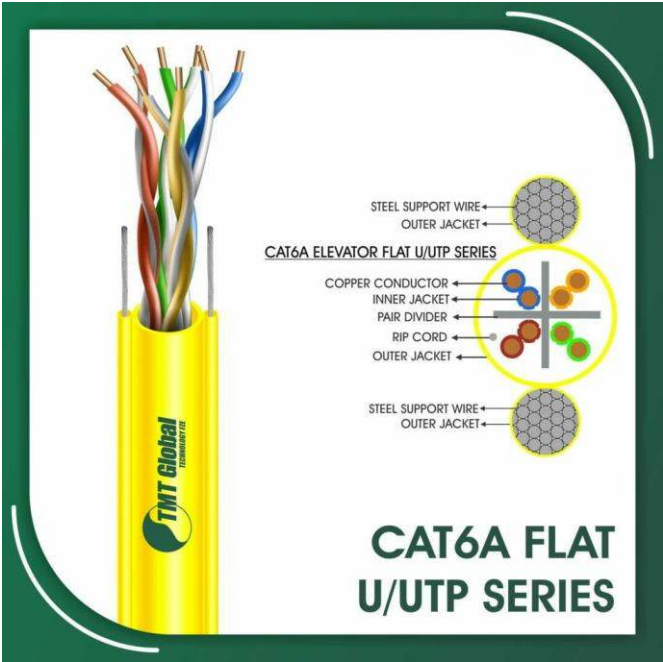
PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information		
Model No Series	Item Code	Description
6A635BEB	6A635BEB	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLUE
6A635BEG	6A635BEG	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GRAY
6A635BEK	6A635BEK	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLACK
6A635BEN	6A635BEN	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GREEN
6A635BEO	6A635BEO	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - ORANGE
6A635BER	6A635BER	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - RED
6A635BEV	6A635BEV	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - VIOLET
6A635BEW	6A635BEW	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - WHITE
6A635BEY	6A635BEY	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - YELLOW
6A635BEA	6A635BEA	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP ELASTIC PVC Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
6A635BEB	6A635BEB	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLUE
6A635BEG	6A635BEG	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GRAY
6A635BEK	6A635BEK	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLACK
6A635BEN	6A635BEN	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GREEN
6A635BEO	6A635BEO	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - ORANGE
6A635BER	6A635BER	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - RED
6A635BEV	6A635BEV	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - VIOLET
6A635BEW	6A635BEW	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - WHITE
6A635BEY	6A635BEY	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - YELLOW
6A635BEA	6A635BEA	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair U-UTP ELASTIC PVC Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this LSZH cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

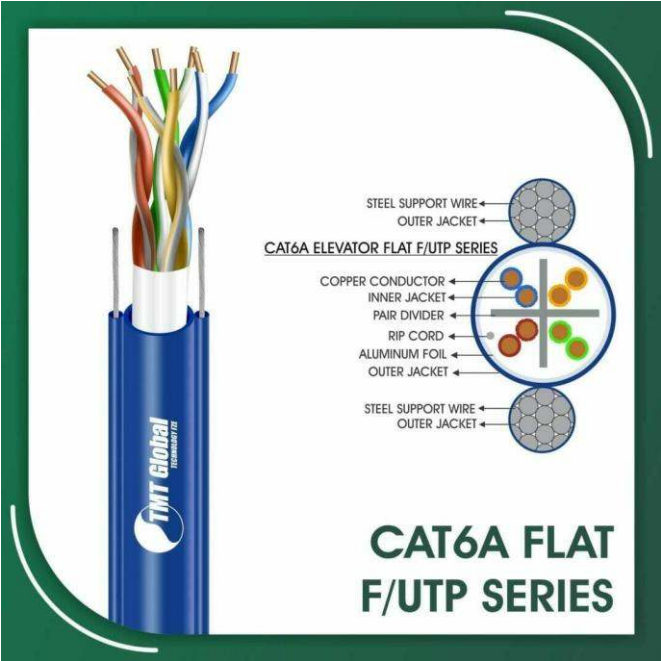
PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max..
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information		
Model No Series	Item Code	Description
6A635BEB	6A635BEB	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLUE
6A635BEG	6A635BEG	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GRAY
6A635BEK	6A635BEK	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - BLACK
6A635BEN	6A635BEN	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - GREEN
6A635BEO	6A635BEO	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - ORANGE
6A635BER	6A635BER	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - RED
6A635BEV	6A635BEV	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - VIOLET
6A635BEW	6A635BEW	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - WHITE
6A635BEY	6A635BEY	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - YELLOW
6A635BEA	6A635BEA	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this ELASTIC PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Overall Screening	NL
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

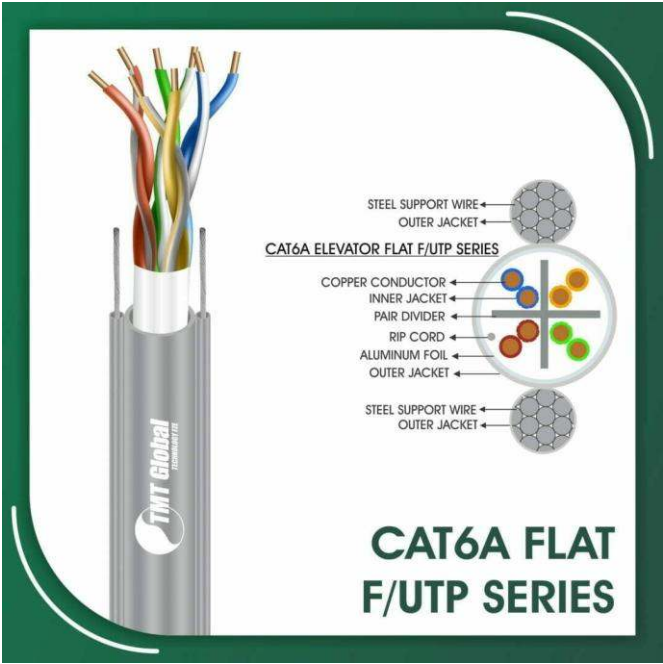
Ordering Information

Model No Series	Item Code	Description
6A235BEB	6A235BEB	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - BLUE
6A235BEG	6A235BEG	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GRAY
6A235BEK	6A235BEK	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - BLACK
6A235BEN	6A235BEN	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GREEN
6A235BEO	6A235BEO	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - ORANGE
6A235BER	6A235BER	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - RED
6A235BEV	6A235BEV	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - VIOLET
6A235BEW	6A235BEW	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - WHITE
6A235BEY	6A235BEY	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - YELLOW
6A235BEA	6A235BEA	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this ELASTIC PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Overall Screening	NL
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

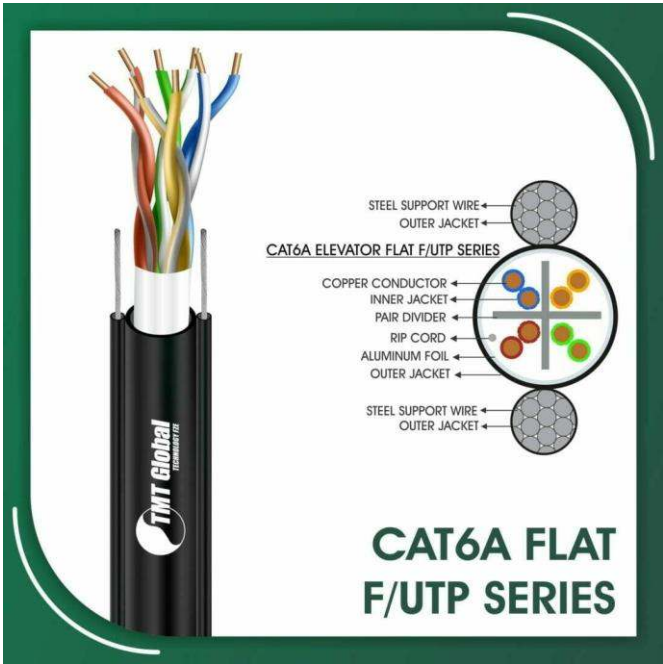
Ordering Information

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6A235BEK	6A235BEK	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - BLACK
6A235BEN	6A235BEN	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GREEN
6A235BEO	6A235BEO	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - ORANGE
6A235BER	6A235BER	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - RED
6A235BEV	6A235BEV	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - VIOLET
6A235BEW	6A235BEW	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - WHITE
6A235BEY	6A235BEY	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - YELLOW
6A235BEA	6A235BEA	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this ELASTIC PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Overall Screening	NL
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

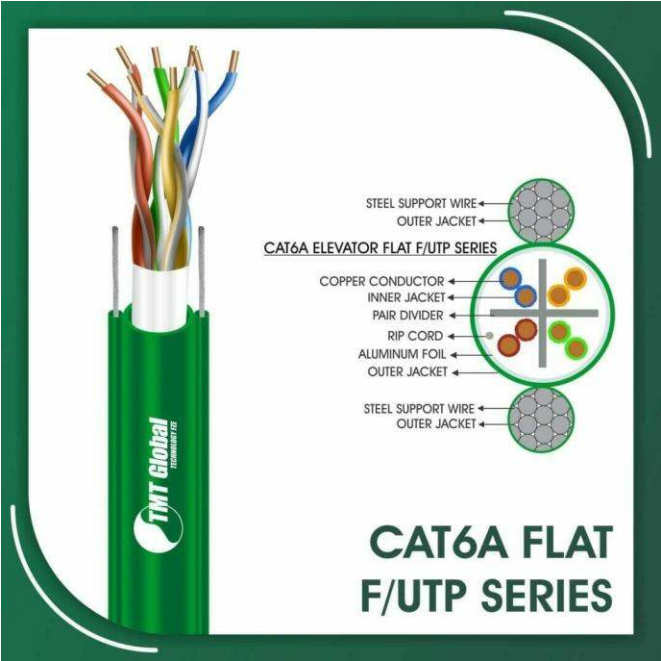
Ordering Information

Model No Series	Item Code	Description
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6A235BEK	6A235BEK	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - BLACK
6A235BEN	6A235BEN	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GREEN
6A235BEO	6A235BEO	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - ORANGE
6A235BER	6A235BER	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - RED
6A235BEV	6A235BEV	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - VIOLET
6A235BEW	6A235BEW	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - WHITE
6A235BEY	6A235BEY	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - YELLOW
6A235BEA	6A235BEA	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

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ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Overall Screening	NL
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

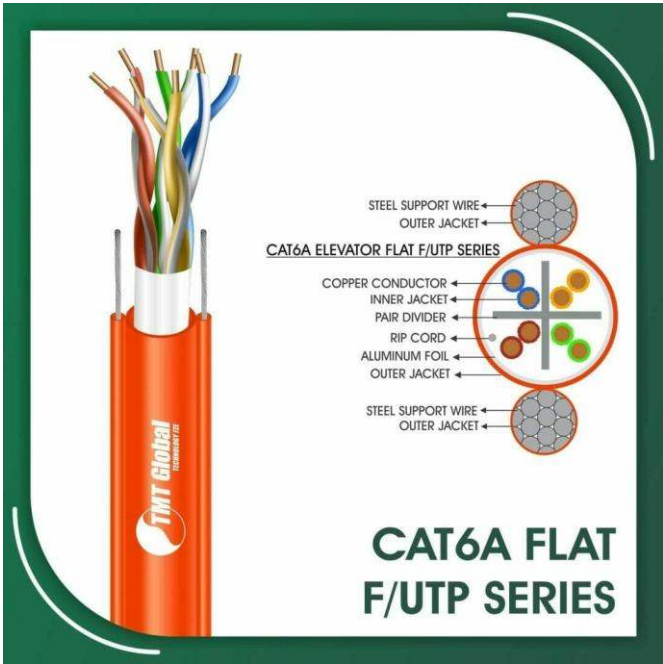
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6A235BEN	6A235BEN	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GREEN
6A235BEO	6A235BEO	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - ORANGE
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6A235BEY	6A235BEY	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - YELLOW
6A235BEA	6A235BEA	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

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Voltage rating	72 Vdc max.		
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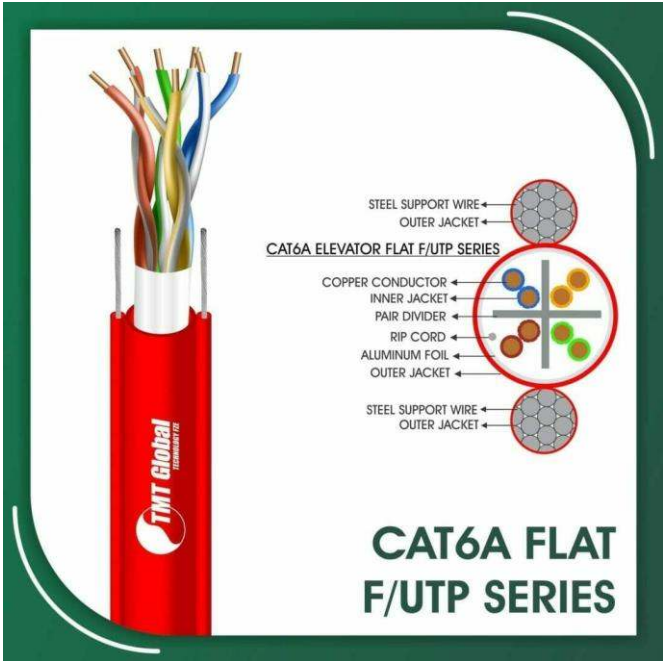
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6A235BEN	6A235BEN	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GREEN
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6A235BEA	6A235BEA	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

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Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

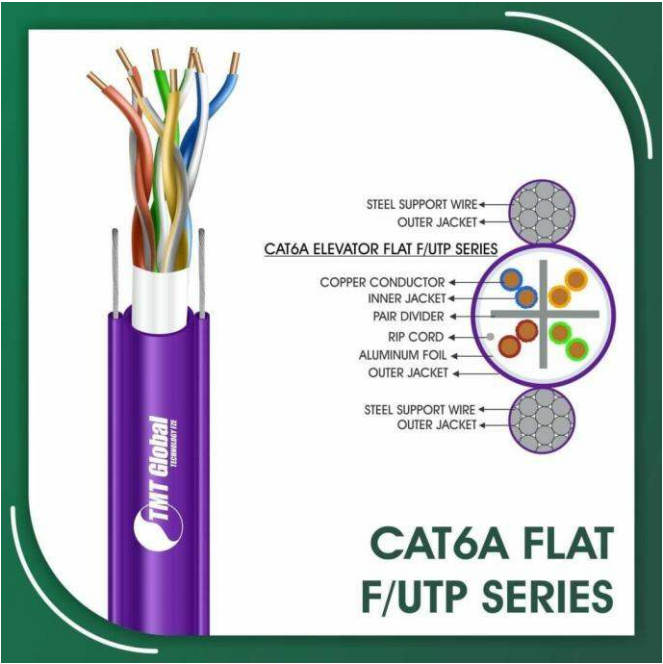
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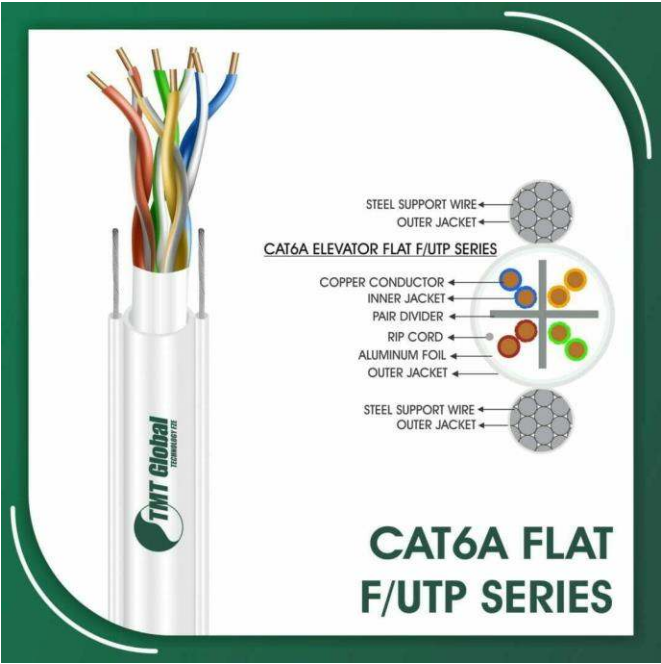
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6A235BEK	6A235BEK	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - BLACK
6A235BEN	6A235BEN	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GREEN
6A235BEO	6A235BEO	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - ORANGE
6A235BER	6A235BER	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - RED
6A235BEV	6A235BEV	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - VIOLET
6A235BEW	6A235BEW	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - WHITE
6A235BEY	6A235BEY	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - YELLOW
6A235BEA	6A235BEA	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this ELASTIC PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Overall Screening	NL
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
6A235BEB	6A235BEB	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - BLUE
6A235BEG	6A235BEG	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GRAY
6A235BEK	6A235BEK	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - BLACK
6A235BEN	6A235BEN	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GREEN
6A235BEO	6A235BEO	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - ORANGE
6A235BER	6A235BER	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - RED
6A235BEV	6A235BEV	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - VIOLET
6A235BEW	6A235BEW	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - WHITE
6A235BEY	6A235BEY	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - YELLOW
6A235BEA	6A235BEA	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this ELASTIC PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Overall Screening	NL
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

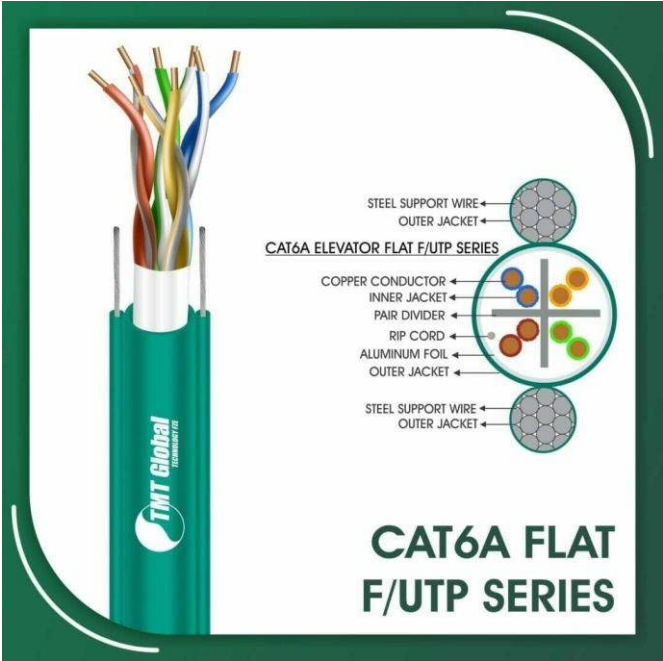
Ordering Information

Model No Series	Item Code	Description
6A235BEB	6A235BEB	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - BLUE
6A235BEG	6A235BEG	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GRAY
6A235BEK	6A235BEK	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - BLACK
6A235BEN	6A235BEN	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GREEN
6A235BEO	6A235BEO	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - ORANGE
6A235BER	6A235BER	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - RED
6A235BEV	6A235BEV	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - VIOLET
6A235BEW	6A235BEW	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - WHITE
6A235BEY	6A235BEY	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - YELLOW
6A235BEA	6A235BEA	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - AQUA

CAT6a F/UTP 23 AWG 4 Pair Network ELASTIC PVC Elevator FLAT Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat6a 23AWG 4 Twisted Pair F-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this ELASTIC PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Voltage rating	72 Vdc max.		
Transfer Impedance	50 mOhm/m max @ 1 MHz., 100 mOhm/m max @ 10 MHz , 200 mOhm/m max @ 30 MHz., 1000 mOhm/m max @ 100 MHz.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Overall Screening	NL
Outer Jacket	ELASTIC PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
6A235BEB	6A235BEB	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - BLUE
6A235BEG	6A235BEG	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GRAY
6A235BEK	6A235BEK	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - BLACK
6A235BEN	6A235BEN	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - GREEN
6A235BEO	6A235BEO	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - ORANGE
6A235BER	6A235BER	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - RED
6A235BEV	6A235BEV	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - VIOLET
6A235BEW	6A235BEW	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - WHITE
6A235BEY	6A235BEY	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - YELLOW
6A235BEA	6A235BEA	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M - AQUA



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