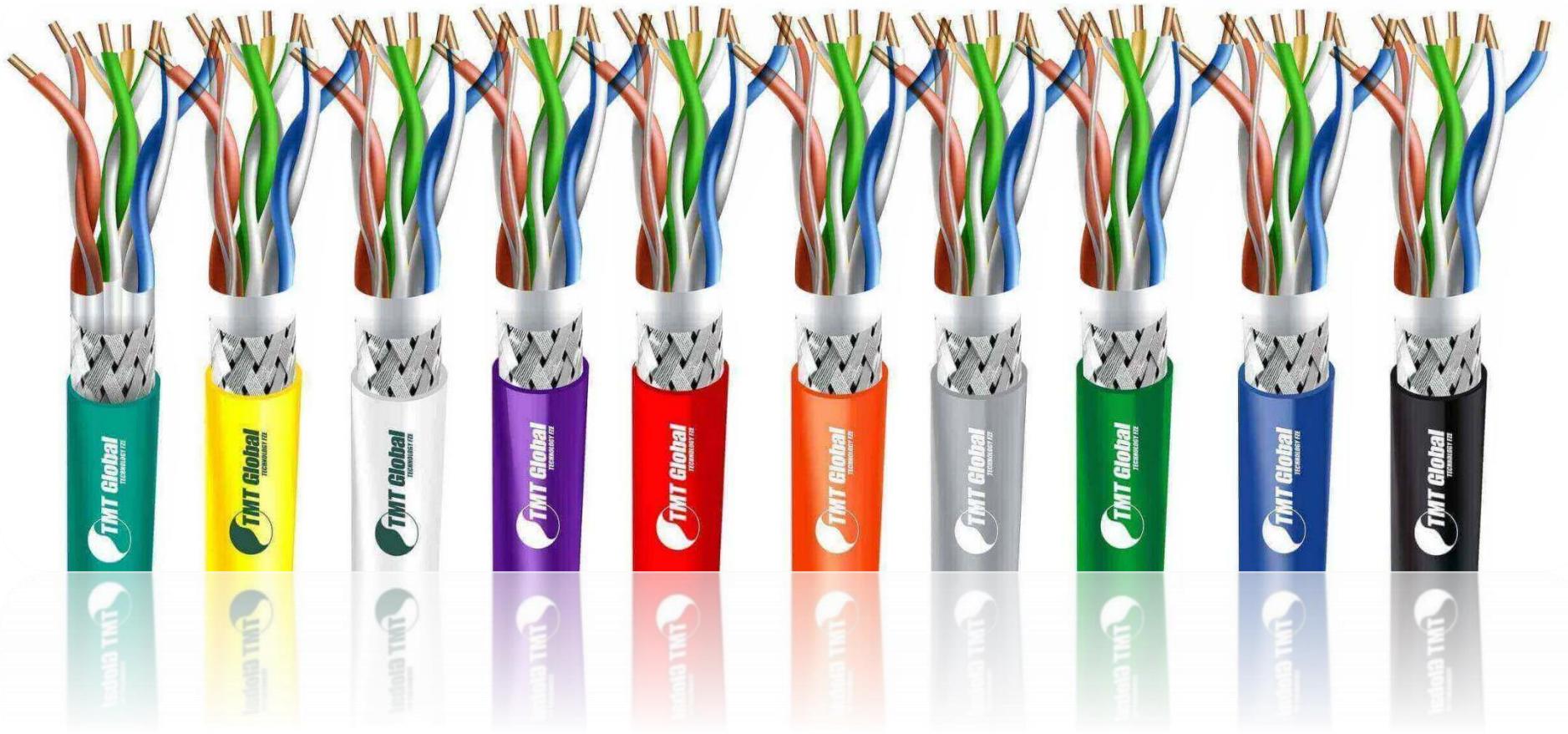




Products Catalog

6aXX7B 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

CAT6a U/UTP 23 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 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

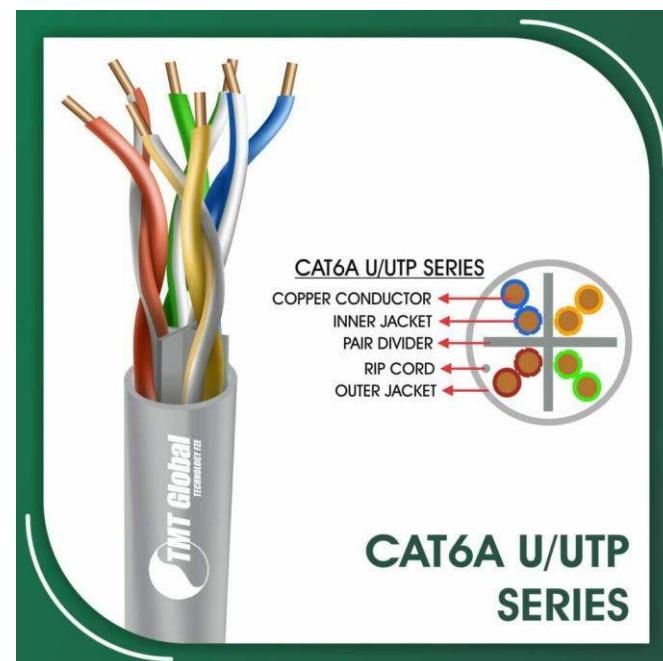
Ordering Information

Model No Series	Item Code	Description
TMT-4060	6A137BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A137BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A137BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A137BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A137BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A137BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A137BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A137BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A137BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A137BPA	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 50288-5 IEC 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	6A137BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A137BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A137BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A137BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A137BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A137BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A137BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A137BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A137BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A137BPA	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 50288-5 IEC 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

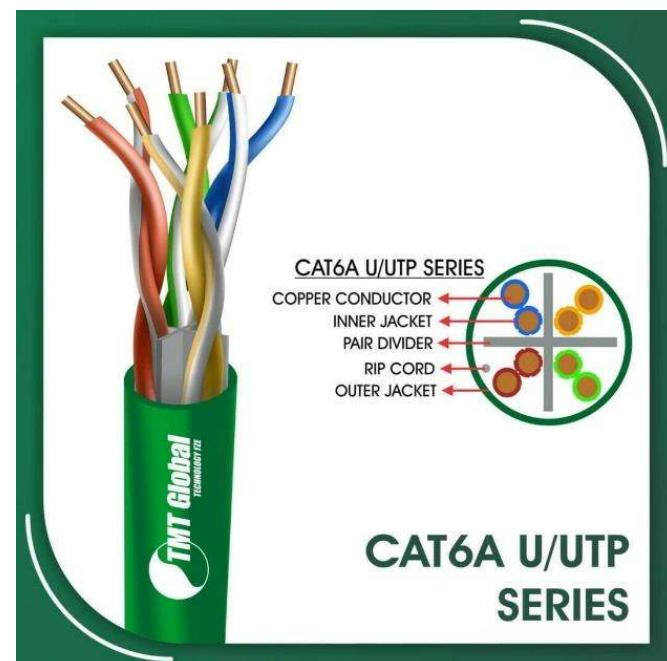
Ordering Information

Model No Series	Item Code	Description
TMT-4060	6A137BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A137BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A137BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A137BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A137BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A137BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A137BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A137BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A137BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A137BPA	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 50288-5 IEC 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	6A137BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A137BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A137BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A137BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A137BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A137BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A137BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A137BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A137BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A137BPA	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 50288-5 IEC 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	6A137BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A137BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A137BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A137BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A137BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A137BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A137BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A137BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A137BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A137BPA	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 50288-5 IEC 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

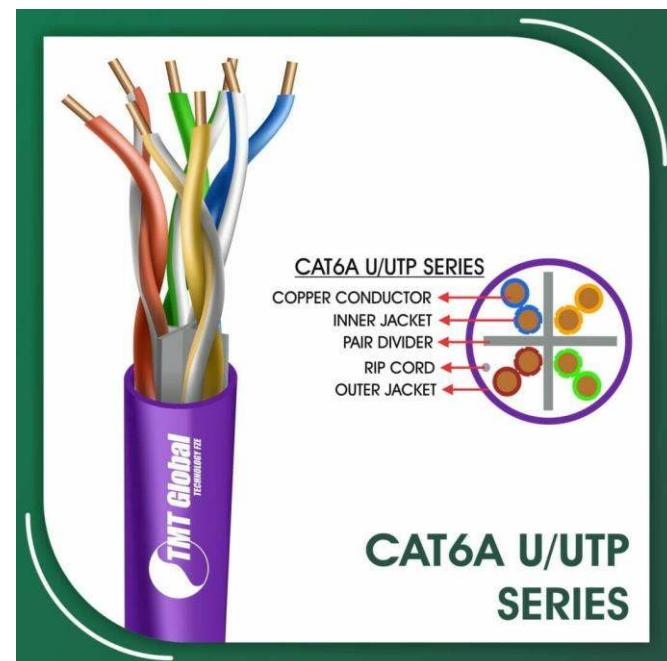
Ordering Information

Model No Series	Item Code	Description
TMT-4060	6A137BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A137BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A137BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A137BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A137BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A137BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A137BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A137BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A137BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A137BPA	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 50288-5 IEC 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	6A137BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A137BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A137BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A137BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A137BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A137BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A137BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A137BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A137BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A137BPA	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 50288-5 IEC 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	6A137BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A137BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A137BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A137BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A137BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A137BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A137BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A137BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A137BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A137BPA	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 50288-5 IEC 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

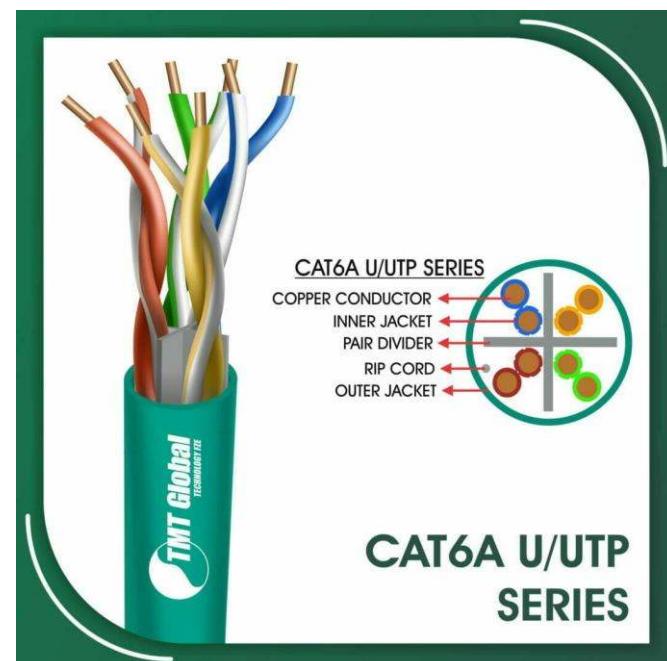
Ordering Information

Model No Series	Item Code	Description
TMT-4060	6A137BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A137BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A137BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A137BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A137BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A137BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A137BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A137BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A137BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A137BPA	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 50288-5 IEC 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

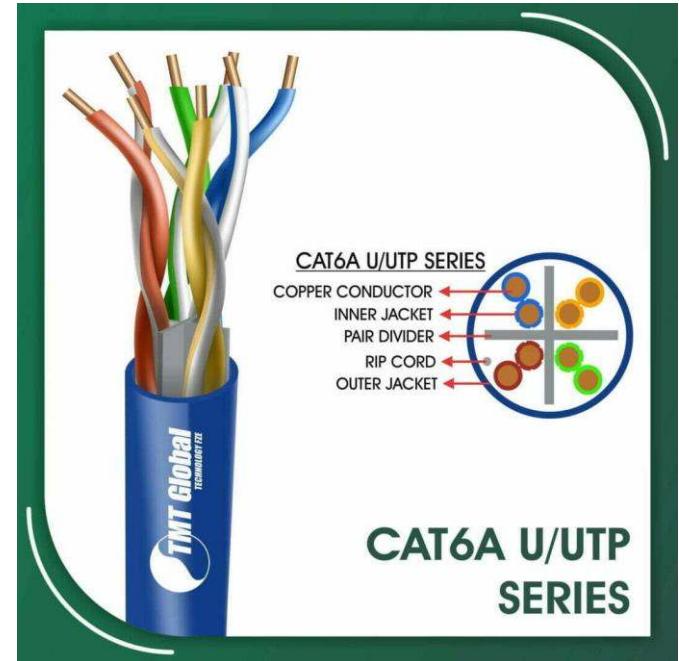
Ordering Information

Model No Series	Item Code	Description
TMT-4060	6A137BPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLUE
	6A137BPG	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GRAY
	6A137BPK	23AWG 4PAIR CAT6A U/UTP CABLE 305M - BLACK
	6A137BPN	23AWG 4PAIR CAT6A U/UTP CABLE 305M - GREEN
	6A137BPO	23AWG 4PAIR CAT6A U/UTP CABLE 305M - ORANGE
	6A137BPR	23AWG 4PAIR CAT6A U/UTP CABLE 305M - RED
	6A137BPV	23AWG 4PAIR CAT6A U/UTP CABLE 305M - VIOLET
	6A137BPW	23AWG 4PAIR CAT6A U/UTP CABLE 305M - WHITE
	6A137BPY	23AWG 4PAIR CAT6A U/UTP CABLE 305M - YELLOW
	6A137BPA	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 50288-5 IEC 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

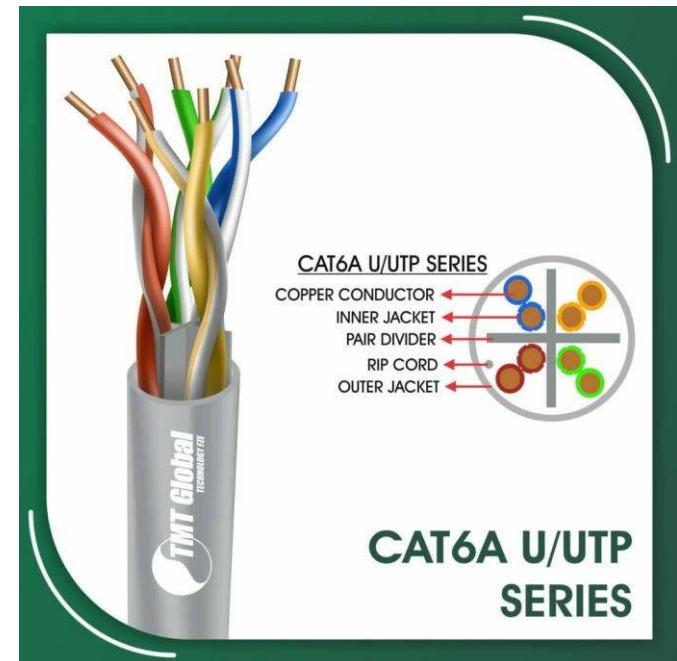
Ordering Information

Model No Series	Item Code	Description
TMT-4061	6A137BLB	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLUE
	6A137BLG	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GRAY
	6A137BLK	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLACK
	6A137BLN	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GREEN
	6A137BLO	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - ORANGE
	6A137BLR	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - RED
	6A137BLV	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - VIOLET
	6A137BLW	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - WHITE
	6A137BLY	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - YELLOW
	6A137BLA	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 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

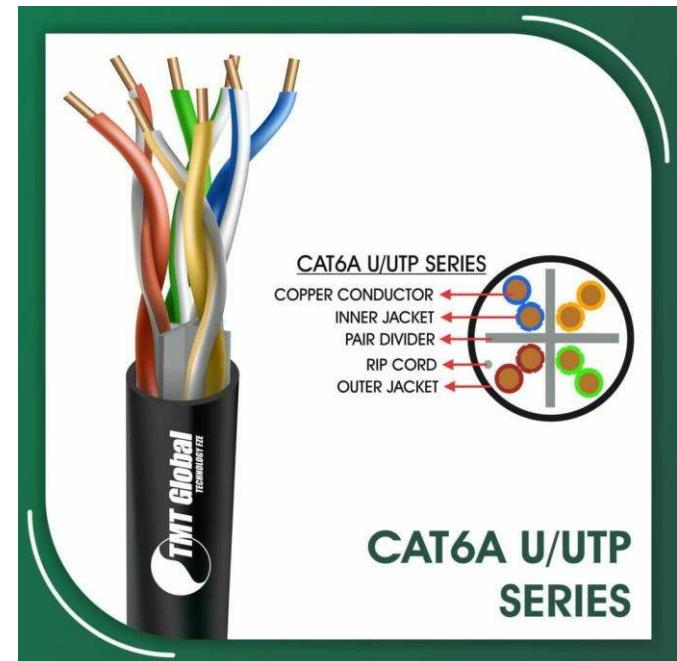
Ordering Information

Model No Series	Item Code	Description
TMT-4061	6A137BLB	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLUE
	6A137BLG	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GRAY
	6A137BLK	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLACK
	6A137BLN	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GREEN
	6A137BLO	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - ORANGE
	6A137BLR	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - RED
	6A137BLV	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - VIOLET
	6A137BLW	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - WHITE
	6A137BLY	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - YELLOW
	6A137BLA	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 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

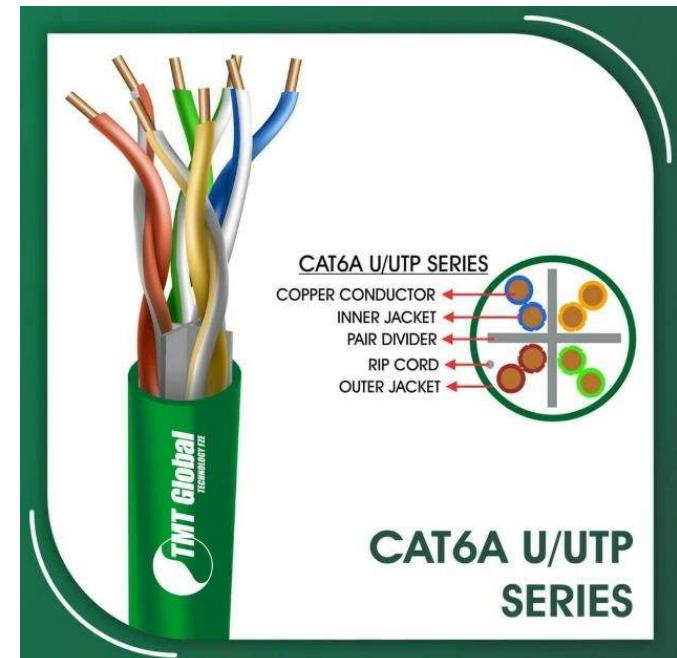
Ordering Information

Model No Series	Item Code	Description
TMT-4061	6A137BLB	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLUE
	6A137BLG	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GRAY
	6A137BLK	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLACK
	6A137BLN	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GREEN
	6A137BLO	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - ORANGE
	6A137BLR	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - RED
	6A137BLV	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - VIOLET
	6A137BLW	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - WHITE
	6A137BLY	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - YELLOW
	6A137BLA	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 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

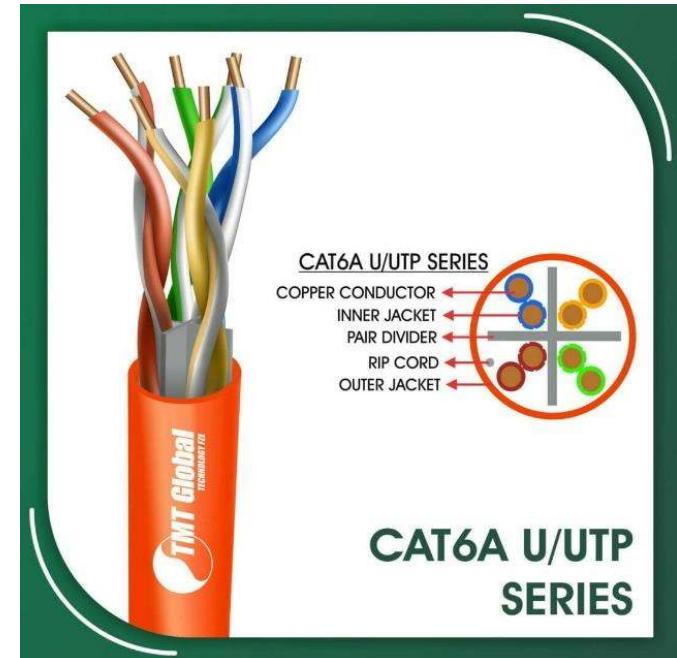
Ordering Information

Model No Series	Item Code	Description
TMT-4061	6A137BLB	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLUE
	6A137BLG	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GRAY
	6A137BLK	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLACK
	6A137BLN	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GREEN
	6A137BLO	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - ORANGE
	6A137BLR	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - RED
	6A137BLV	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - VIOLET
	6A137BLW	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - WHITE
	6A137BLY	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - YELLOW
	6A137BLA	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 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

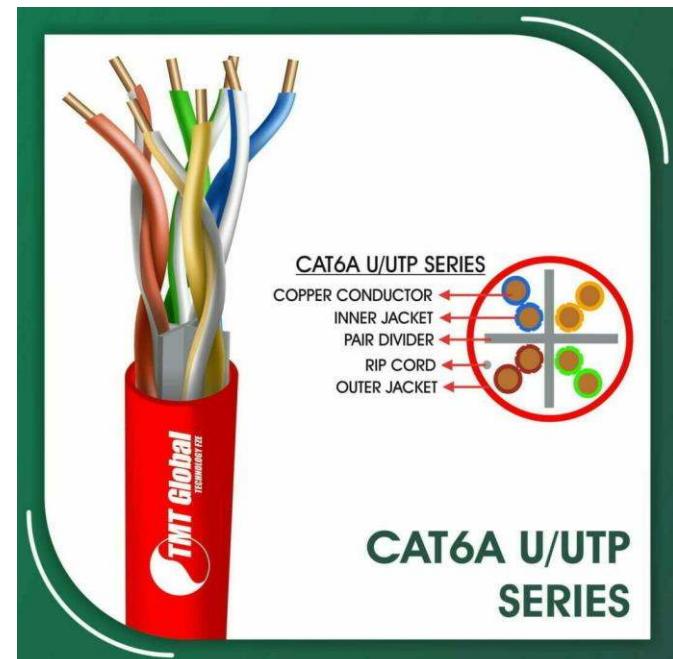
Ordering Information

Model No Series	Item Code	Description
TMT-4061	6A137BLB	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLUE
	6A137BLG	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GRAY
	6A137BLK	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLACK
	6A137BLN	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GREEN
	6A137BLO	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - ORANGE
	6A137BLR	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - RED
	6A137BLV	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - VIOLET
	6A137BLW	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - WHITE
	6A137BLY	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - YELLOW
	6A137BLA	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 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	6A137BLB	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLUE
	6A137BLG	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GRAY
	6A137BLK	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLACK
	6A137BLN	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GREEN
	6A137BLO	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - ORANGE
	6A137BLR	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - RED
	6A137BLV	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - VIOLET
	6A137BLW	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - WHITE
	6A137BLY	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - YELLOW
	6A137BLA	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 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

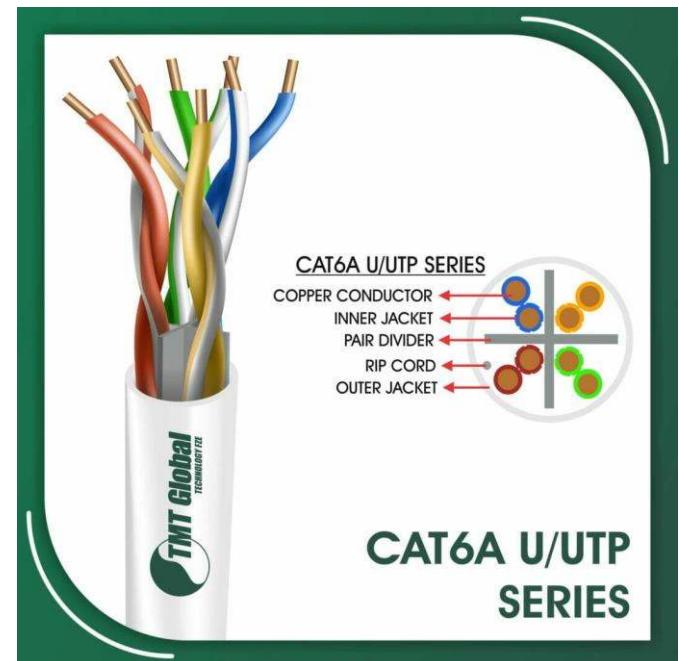
Ordering Information

Model No Series	Item Code	Description
TMT-4061	6A137BLB	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLUE
	6A137BLG	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GRAY
	6A137BLK	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLACK
	6A137BLN	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GREEN
	6A137BLO	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - ORANGE
	6A137BLR	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - RED
	6A137BLV	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - VIOLET
	6A137BLW	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - WHITE
	6A137BLY	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - YELLOW
	6A137BLA	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 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	6A137BLB	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLUE
	6A137BLG	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GRAY
	6A137BLK	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLACK
	6A137BLN	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GREEN
	6A137BLO	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - ORANGE
	6A137BLR	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - RED
	6A137BLV	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - VIOLET
	6A137BLW	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - WHITE
	6A137BLY	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - YELLOW
	6A137BLA	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 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

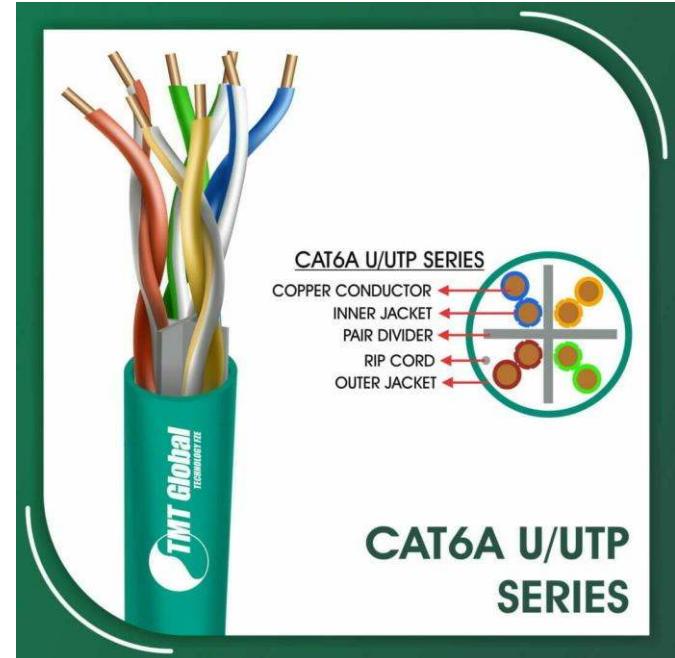
Ordering Information

Model No Series	Item Code	Description
TMT-4061	6A137BLB	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLUE
	6A137BLG	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GRAY
	6A137BLK	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLACK
	6A137BLN	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GREEN
	6A137BLO	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - ORANGE
	6A137BLR	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - RED
	6A137BLV	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - VIOLET
	6A137BLW	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - WHITE
	6A137BLY	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - YELLOW
	6A137BLA	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - AQUA

CAT6a U/UTP 23 AWG 4 Pair Network LSZH Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 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

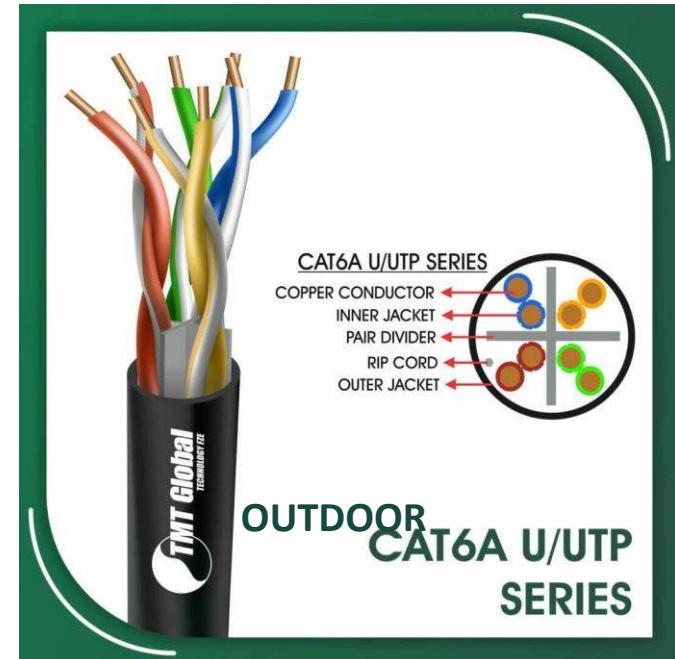
Ordering Information

Model No Series	Item Code	Description
TMT-4061	6A137BLB	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLUE
	6A137BLG	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GRAY
	6A137BLK	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - BLACK
	6A137BLN	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - GREEN
	6A137BLO	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - ORANGE
	6A137BLR	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - RED
	6A137BLV	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - VIOLET
	6A137BLW	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - WHITE
	6A137BLY	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - YELLOW
	6A137BLA	23AWG 4PAIR CAT6A U/UTP CABLE LSZH 305M - AQUA

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

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 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

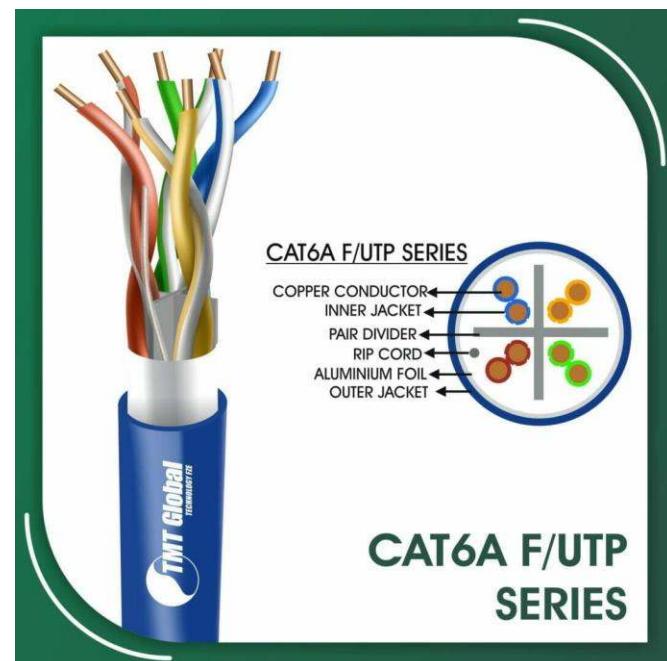
Ordering Information

Model No	Item Code	Description
TMT-4063	6a137BOK	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

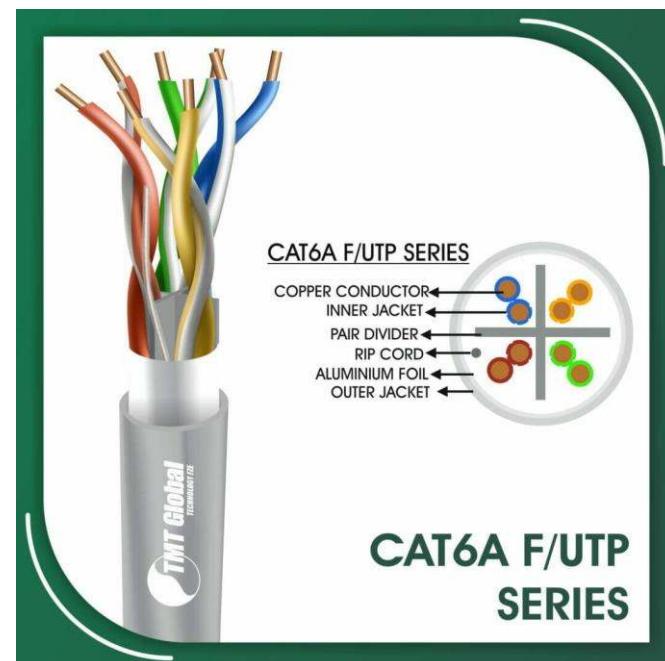
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BPB	23AWG 4PAIR CAT6A F/UTP BLUE CABLE PVC 305M
	6A237BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A237BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A237BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A237BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A237BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A237BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A237BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A237BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A237BPA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

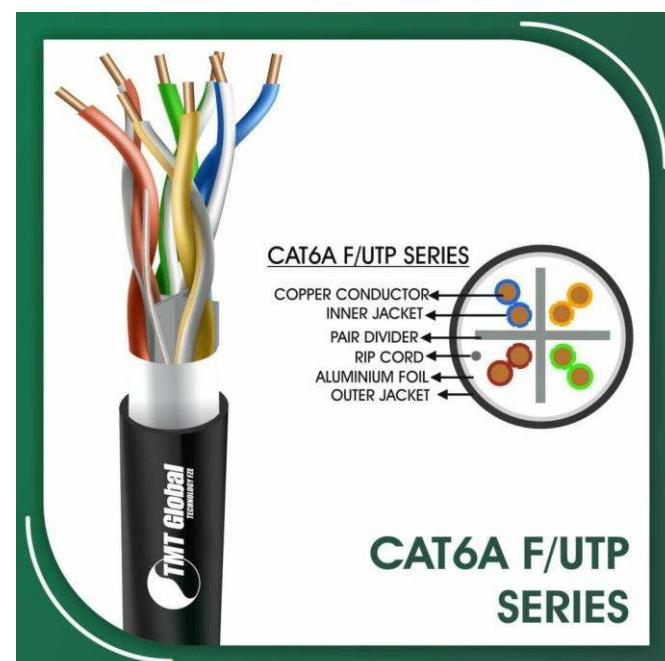
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BPB	23AWG 4PAIR CAT6A F/UTP BLUE CABLE PVC 305M
	6A237BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A237BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A237BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A237BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A237BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A237BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A237BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A237BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A237BPA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

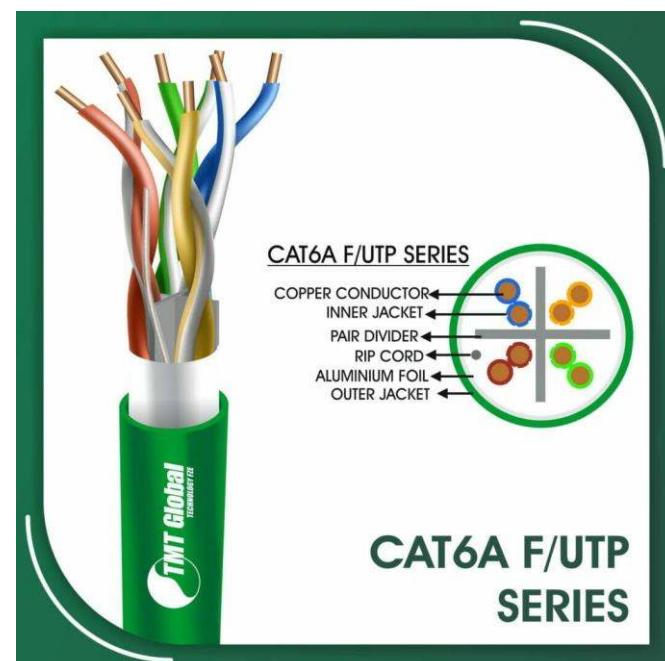
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BPB	23AWG 4PAIR CAT6A F/UTP BLUE CABLE PVC 305M
	6A237BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A237BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A237BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A237BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A237BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A237BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A237BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A237BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A237BPA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

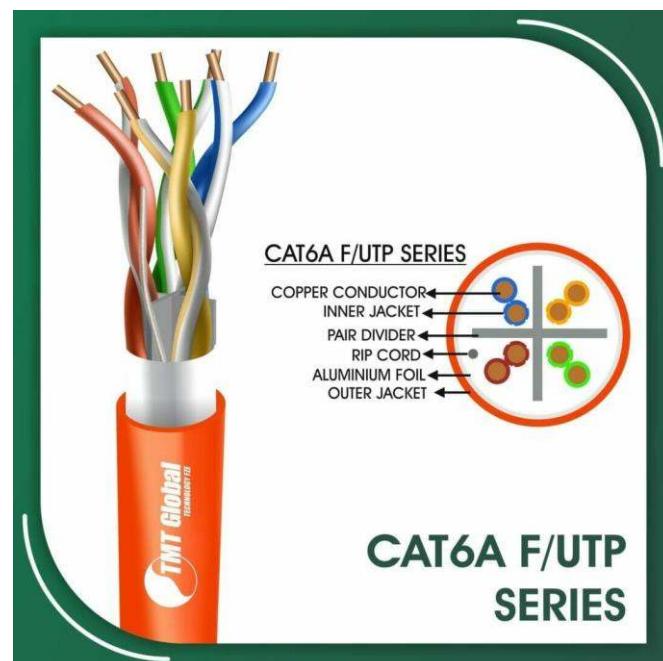
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BPB	23AWG 4PAIR CAT6A F/UTP BLUE CABLE PVC 305M
	6A237BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A237BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A237BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A237BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A237BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A237BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A237BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A237BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A237BPA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

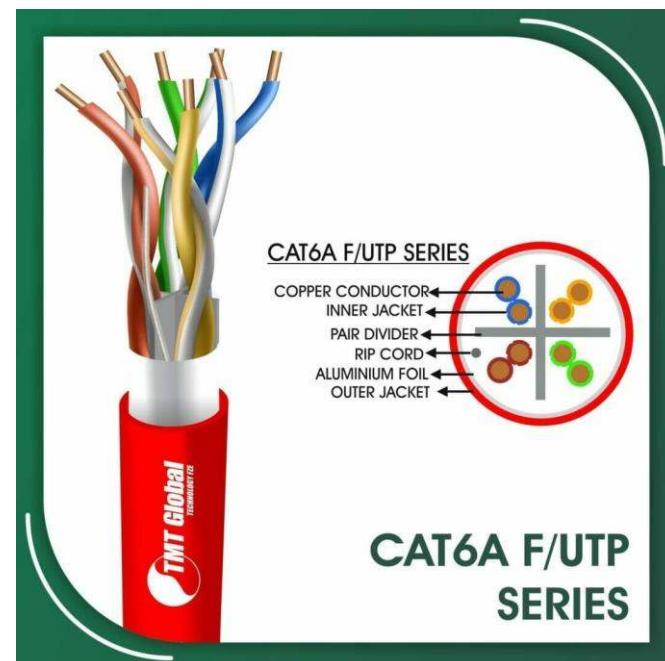
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BPB	23AWG 4PAIR CAT6A F/UTP BLUE CABLE PVC 305M
	6A237BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A237BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A237BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A237BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A237BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A237BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A237BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A237BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A237BPA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

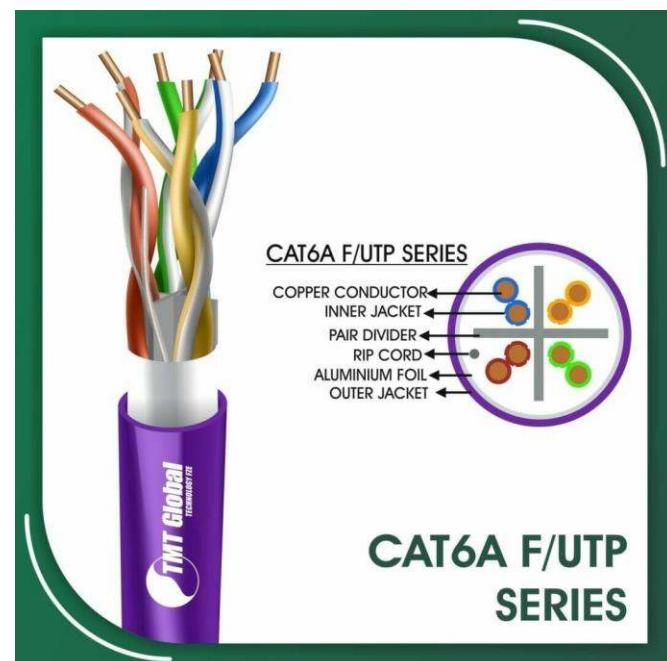
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BPB	23AWG 4PAIR CAT6A F/UTP BLUE CABLE PVC 305M
	6A237BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A237BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A237BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A237BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A237BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A237BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A237BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A237BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A237BPA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

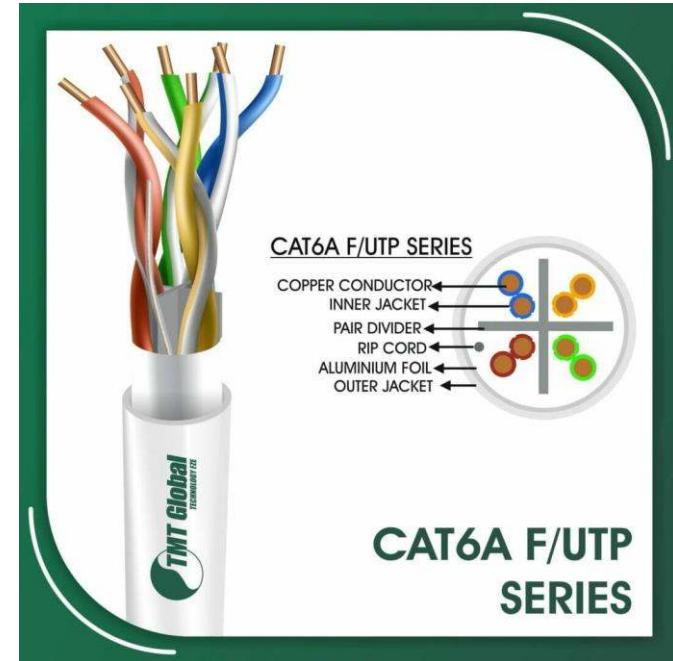
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BPB	23AWG 4PAIR CAT6A F/UTP BLUE CABLE PVC 305M
	6A237BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A237BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A237BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A237BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A237BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A237BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A237BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A237BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A237BPA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A237BPB	23AWG 4PAIR CAT6A F/UTP BLUE CABLE PVC 305M
	6A237BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A237BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A237BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A237BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A237BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A237BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A237BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A237BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A237BPA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

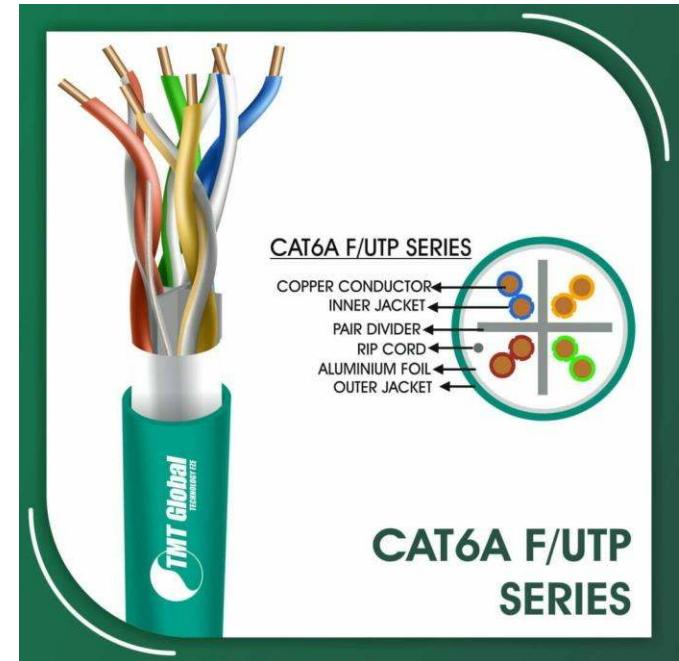
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BPB	23AWG 4PAIR CAT6A F/UTP BLUE CABLE PVC 305M
	6A237BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A237BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A237BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A237BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A237BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A237BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A237BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A237BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A237BPA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

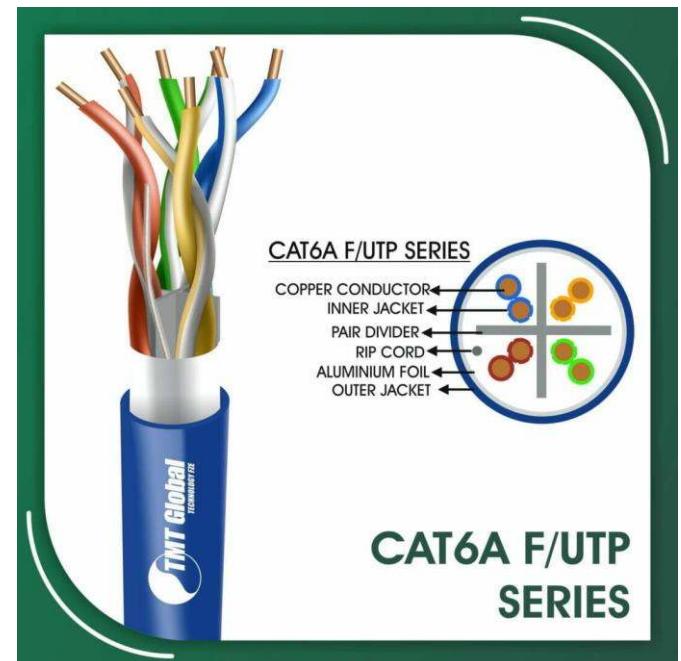
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BPB	23AWG 4PAIR CAT6A F/UTP BLUE CABLE PVC 305M
	6A237BPG	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GRAY
	6A237BPK	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - BLACK
	6A237BPN	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - GREEN
	6A237BPO	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - ORANGE
	6A237BPR	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - RED
	6A237BPV	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - VIOLET
	6A237BPW	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - WHITE
	6A237BPY	23AWG 4PAIR CAT6A F/UTP CABLE PVC 305M - YELLOW
	6A237BPA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
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

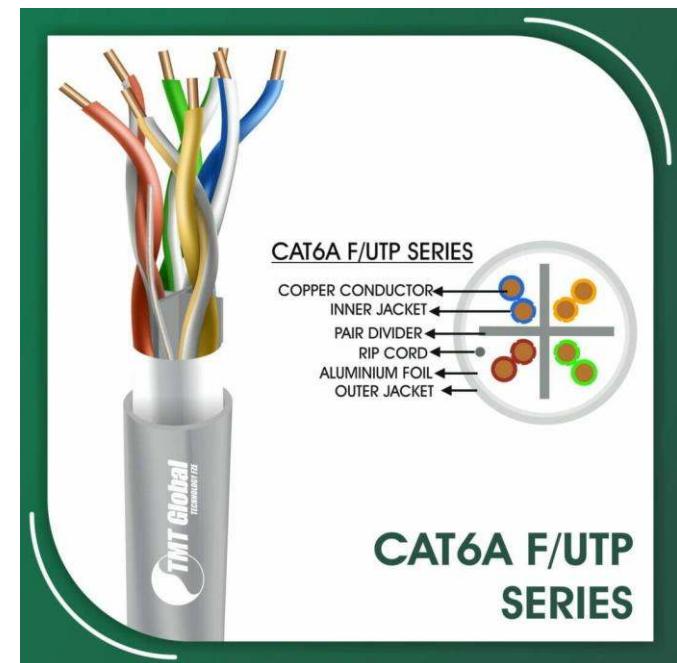
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A237BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A237BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A237BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A237BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A237BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A237BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A237BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A237BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A237BLA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
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

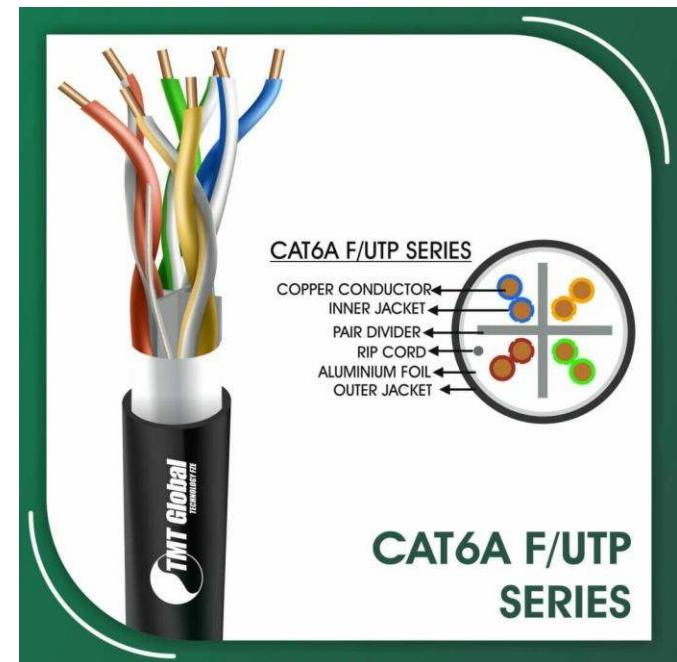
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A237BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A237BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A237BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A237BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A237BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A237BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A237BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A237BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A237BLA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
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

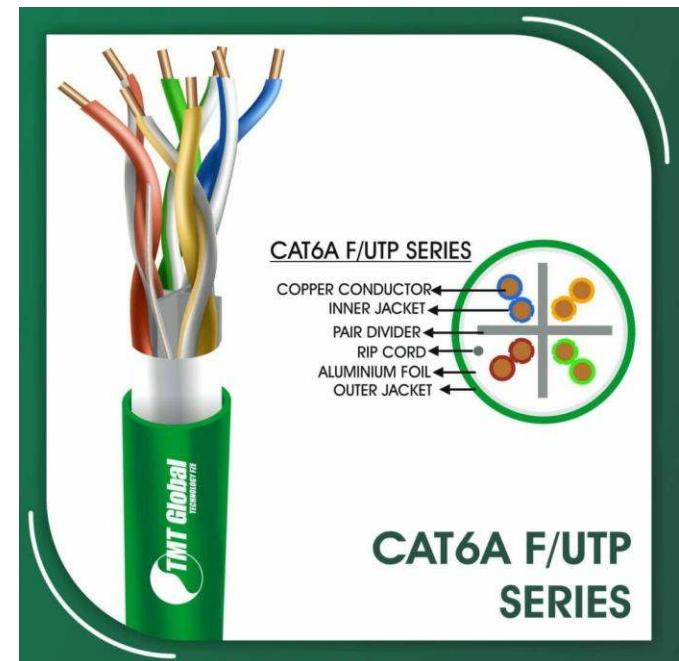
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A237BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A237BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A237BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A237BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A237BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A237BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A237BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A237BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A237BLA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
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

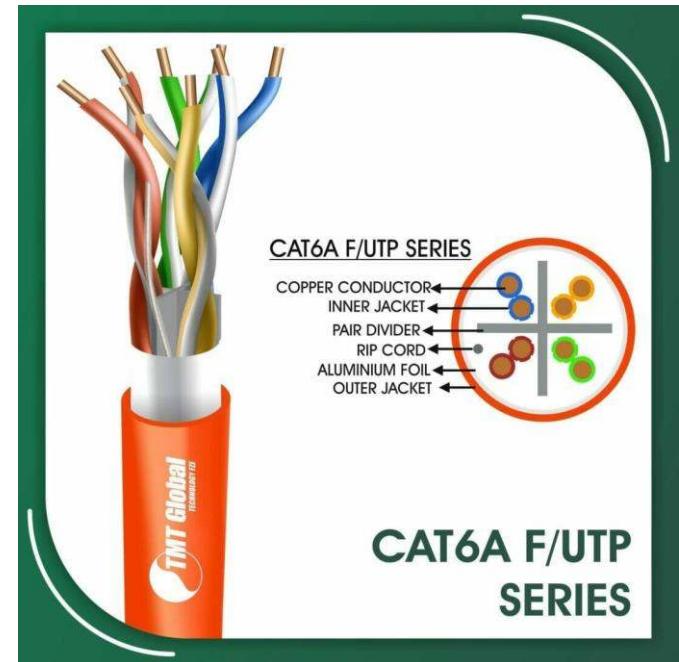
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A237BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A237BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A237BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A237BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A237BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A237BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A237BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A237BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A237BLA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
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

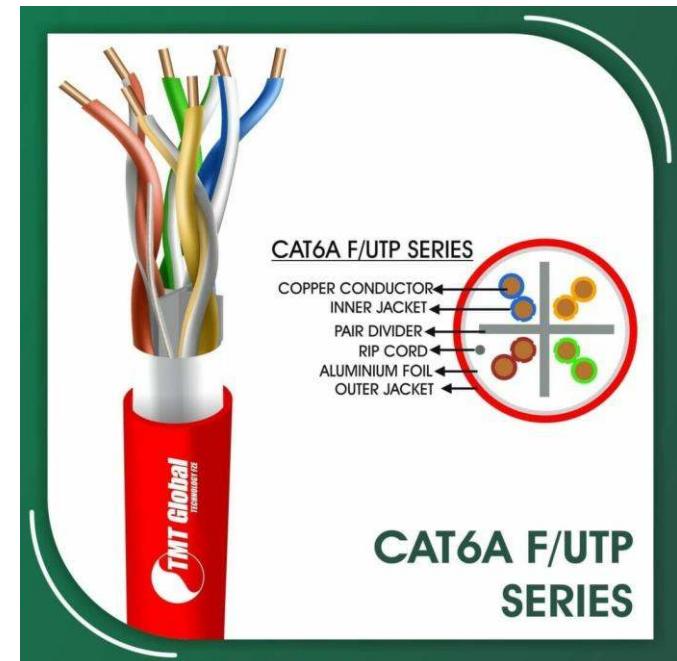
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A237BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A237BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A237BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A237BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A237BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A237BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A237BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A237BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A237BLA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
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

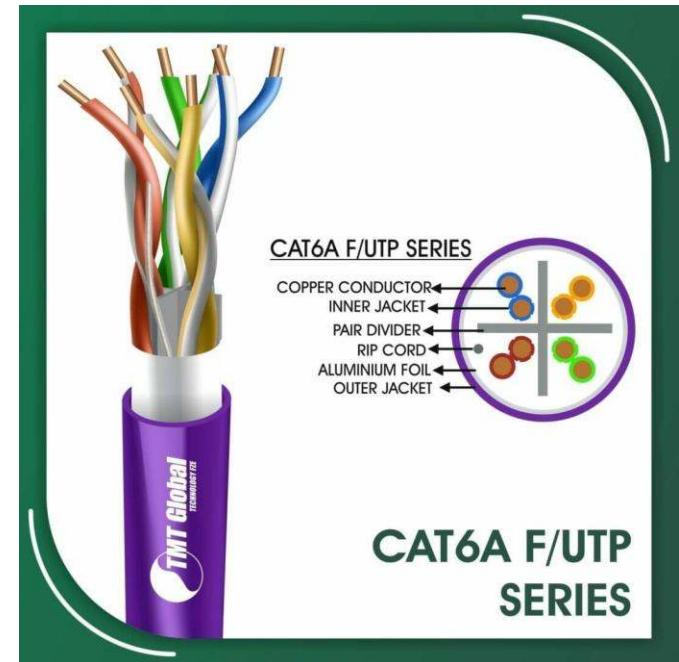
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A237BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A237BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A237BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A237BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A237BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A237BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A237BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A237BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A237BLA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
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	6A237BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A237BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A237BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A237BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A237BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A237BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A237BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A237BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A237BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A237BLA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
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

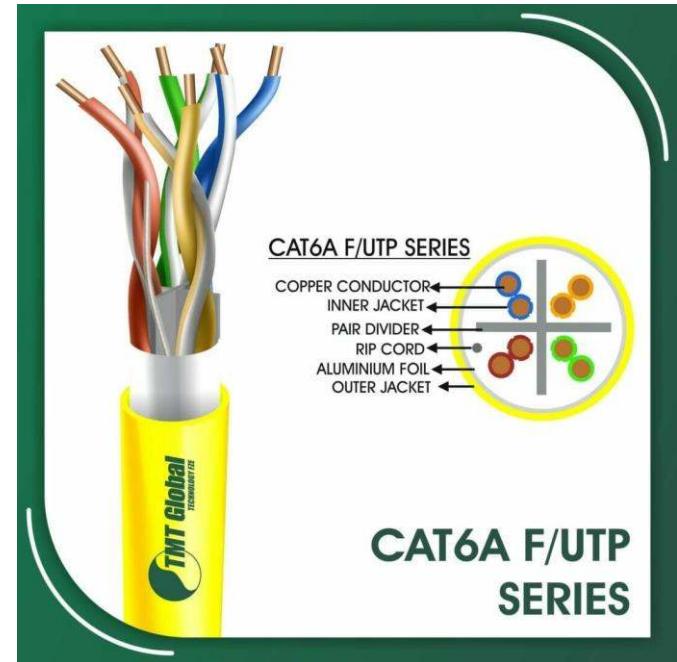
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A237BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A237BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A237BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A237BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A237BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A237BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A237BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A237BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A237BLA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
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

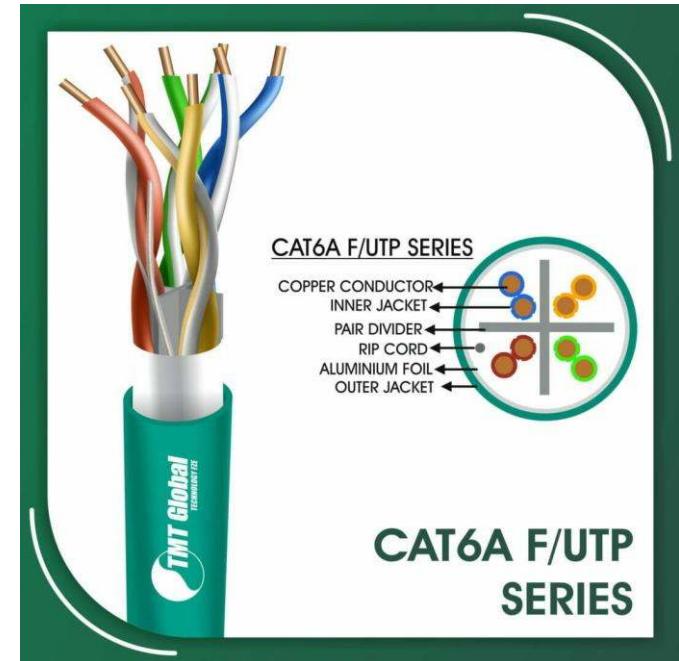
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A237BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A237BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A237BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A237BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A237BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A237BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A237BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A237BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A237BLA	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 50288-5 IEC 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 Coverage	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Ground wire	NL
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

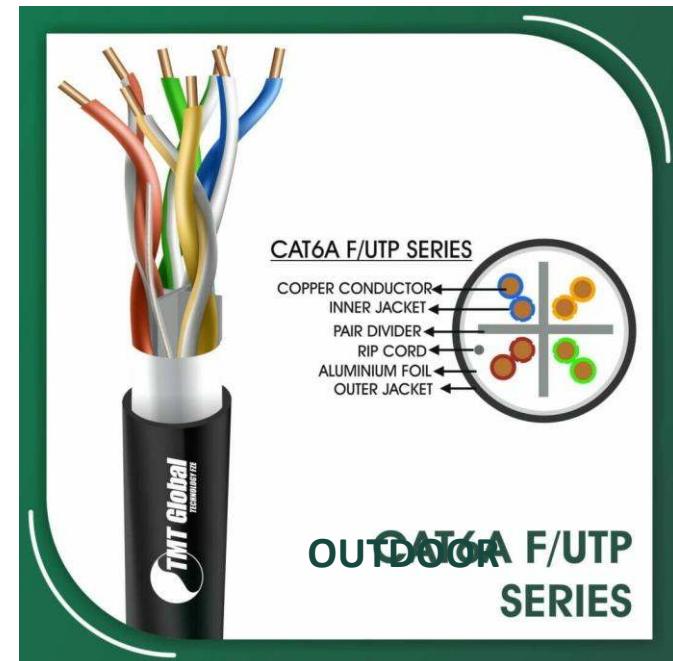
Ordering Information

Model No Series	Item Code	Description
TMT-4070	6A237BLB	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLUE
	6A237BLG	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GRAY
	6A237BLK	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - BLACK
	6A237BLN	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - GREEN
	6A237BLO	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - ORANGE
	6A237BLR	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - RED
	6A237BLV	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - VIOLET
	6A237BLW	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - WHITE
	6A237BLY	23AWG 4PAIR CAT6A F/UTP CABLE LZSH 305M - YELLOW
	6A237BLA	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 50288-5 IEC 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.
Overall Coverage	Aluminum Foil Polyester Tape
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

Model No Series	Item Code	Description
TMT-4065	6a237BOK	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 50288-5 IEC 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	Braided Shield + aluminum Foil Polyester Tape
Ground wire	Copper Conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A737BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A737BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A737BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A737BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A737BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A737BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A737BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A737BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A737BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A737BPA	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 50288-5 IEC 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	Braided Shield + aluminum Foil Polyester Tape
Ground wire	Copper Conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

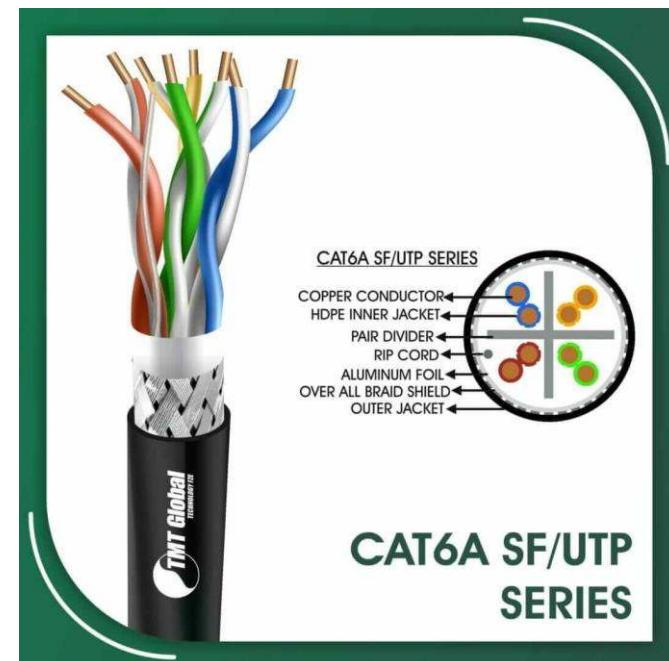
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A737BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A737BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A737BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A737BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A737BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A737BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A737BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A737BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A737BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A737BPA	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 50288-5 IEC 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	Braided Shield + aluminum Foil Polyester Tape
Ground wire	Copper Conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

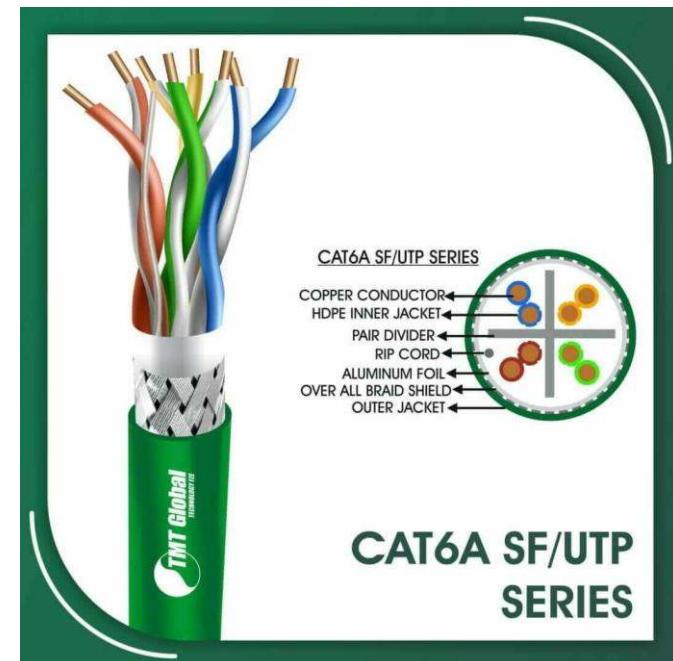
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A737BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A737BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A737BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A737BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A737BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A737BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A737BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A737BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A737BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A737BPA	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 50288-5 IEC 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	Braided Shield + aluminum Foil Polyester Tape
Ground wire	Copper Conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A737BPB	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - BLUE
	6A737BPG	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - GRAY
	6A737BPK	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - BLACK
	6A737BPN	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - GREEN
	6A737BPO	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - ORANGE
	6A737BPR	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - RED
	6A737BPV	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - VIOLET
	6A737BPW	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - WHITE
	6A737BPY	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - YELLOW
	6A737BPA	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 50288-5 IEC 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	Braided Shield + aluminum Foil Polyester Tape
Ground wire	Copper Conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

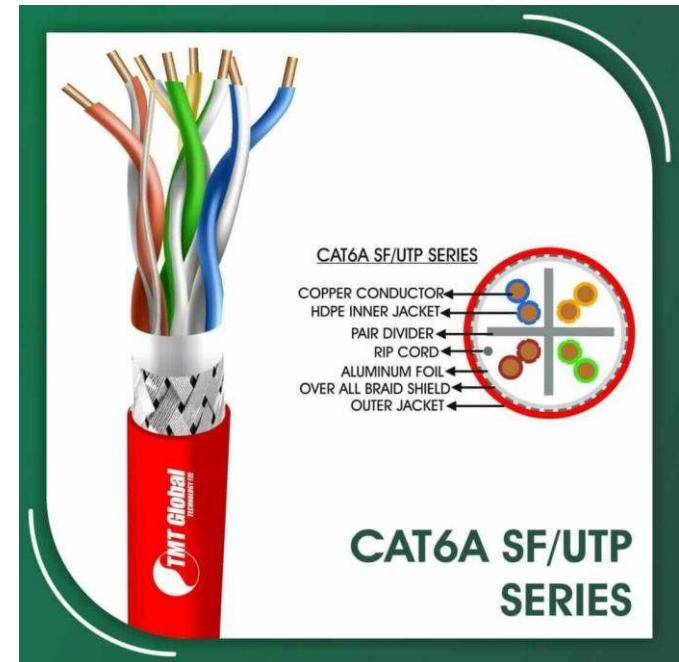
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A737BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A737BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A737BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A737BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A737BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A737BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A737BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A737BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A737BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A737BPA	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 50288-5 IEC 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	Braided Shield + aluminum Foil Polyester Tape
Ground wire	Copper Conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

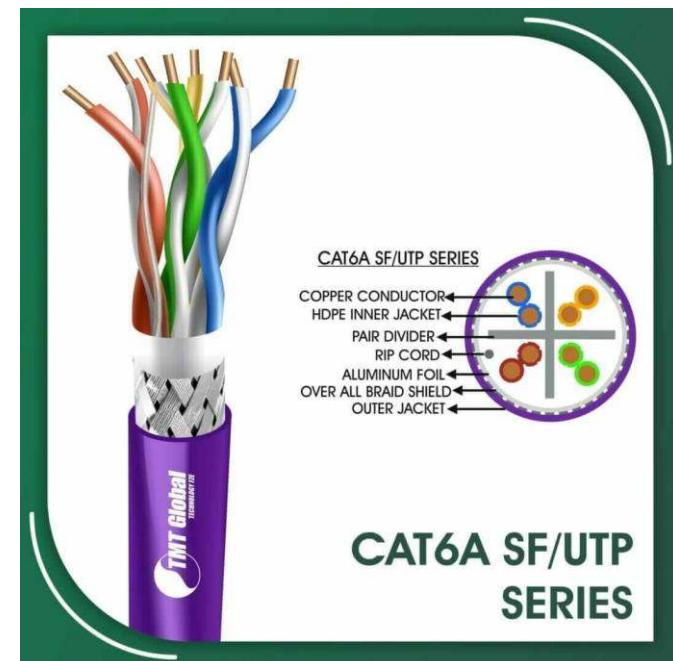
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A737BPB	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - BLUE
	6A737BPG	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - GRAY
	6A737BPK	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - BLACK
	6A737BPN	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - GREEN
	6A737BPO	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - ORANGE
	6A737BPR	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - RED
	6A737BPV	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - VIOLET
	6A737BPW	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - WHITE
	6A737BPY	23AWG 4PAIR CAT6a SF/UTP CABLE PVC 305M - YELLOW
	6A737BPA	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 50288-5 IEC 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	Braided Shield + aluminum Foil Polyester Tape
Ground wire	Copper Conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

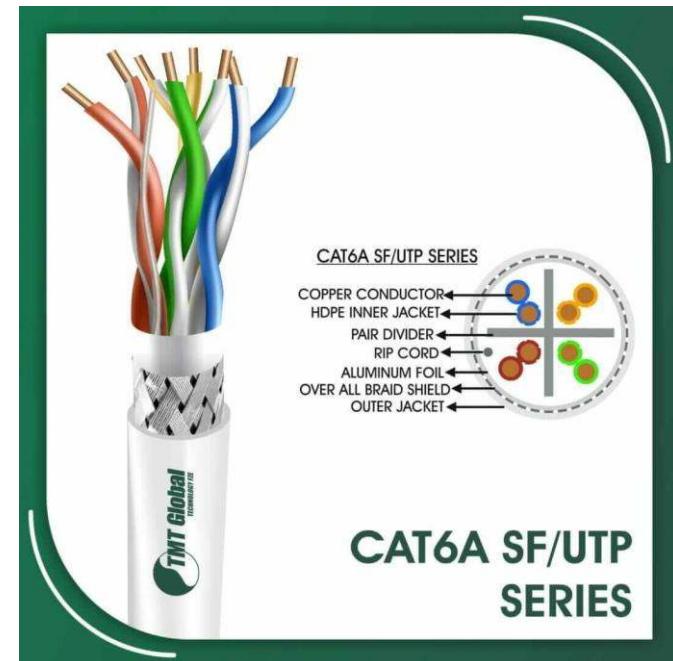
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A737BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A737BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A737BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A737BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A737BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A737BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A737BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A737BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A737BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A737BPA	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 50288-5 IEC 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	Braided Shield + aluminum Foil Polyester Tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

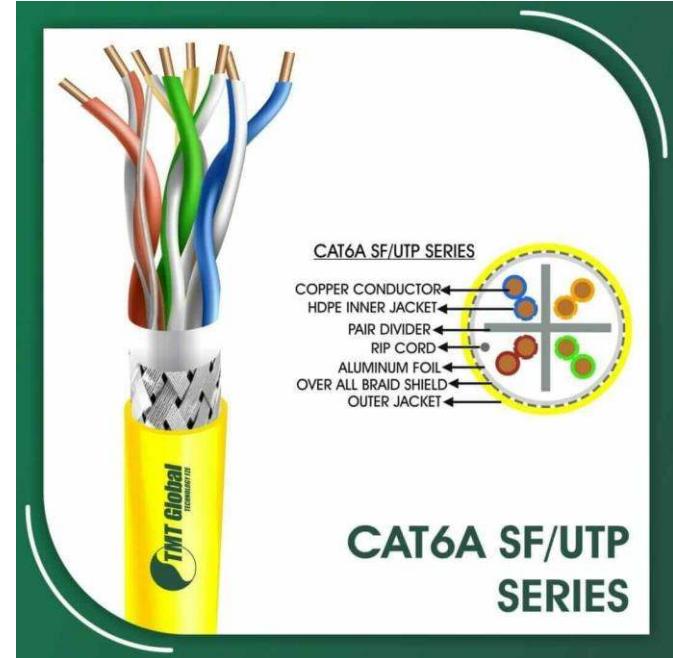
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A737BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A737BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A737BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A737BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A737BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A737BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A737BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A737BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A737BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A737BPA	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 50288-5 IEC 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	Braided Shield + aluminum Foil Polyester Tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

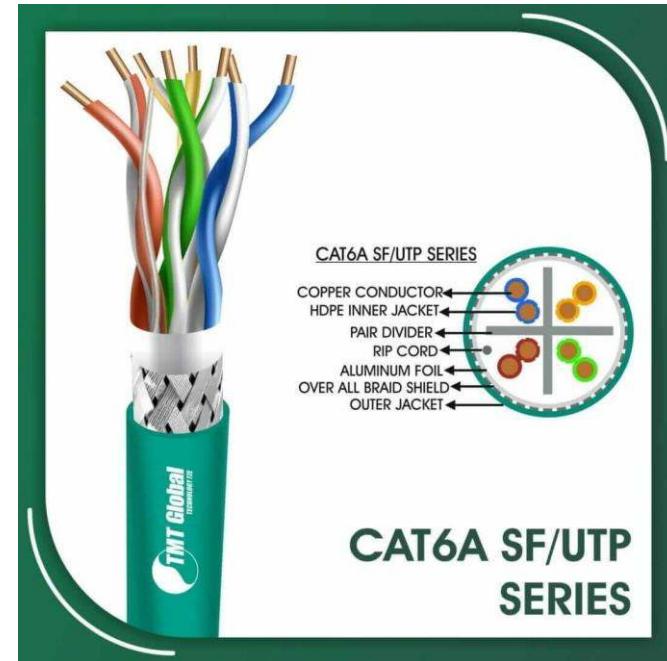
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A737BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A737BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A737BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A737BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A737BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A737BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A737BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A737BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A737BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A737BPA	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 50288-5 IEC 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	Braided Shield + aluminum Foil Polyester Tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A737BPB	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLUE
	6A737BPG	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GRAY
	6A737BPK	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - BLACK
	6A737BPN	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - GREEN
	6A737BPO	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - ORANGE
	6A737BPR	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - RED
	6A737BPV	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - VIOLET
	6A737BPW	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - WHITE
	6A737BPY	23AWG 4PAIR CAT6A SF/UTP CABLE PVC 305M - YELLOW
	6A737BPA	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 50288-5 IEC 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
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A737BLB	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLUE
	6A737BLG	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GRAY
	6A737BLK	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLACK
	6A737BLN	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GREEN
	6A737BLO	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - ORANGE
	6A737BLR	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - RED
	6A737BLV	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - VIOLET
	6A737BLW	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - WHITE
	6A737BLY	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - YELLOW
	6A737BLA	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 50288-5 IEC 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
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A737BLB	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLUE
	6A737BLG	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GRAY
	6A737BLK	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLACK
	6A737BLN	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GREEN
	6A737BLO	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - ORANGE
	6A737BLR	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - RED
	6A737BLV	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - VIOLET
	6A737BLW	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - WHITE
	6A737BLY	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - YELLOW
	6A737BLA	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 50288-5 IEC 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
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

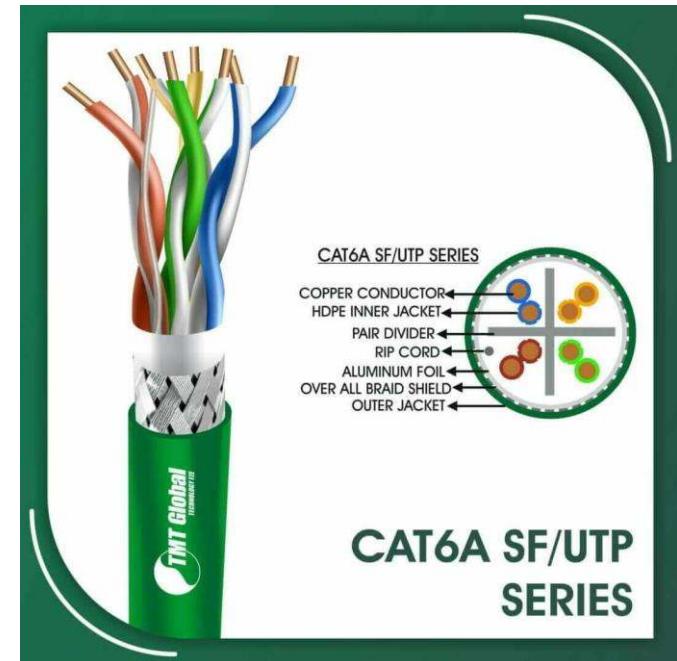
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A737BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A737BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A737BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A737BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A737BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A737BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A737BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A737BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A737BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A737BLA	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 50288-5 IEC 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
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A737BLB	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLUE
	6A737BLG	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GRAY
	6A737BLK	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLACK
	6A737BLN	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GREEN
	6A737BLO	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - ORANGE
	6A737BLR	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - RED
	6A737BLV	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - VIOLET
	6A737BLW	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - WHITE
	6A737BLY	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - YELLOW
	6A737BLA	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 50288-5 IEC 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
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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

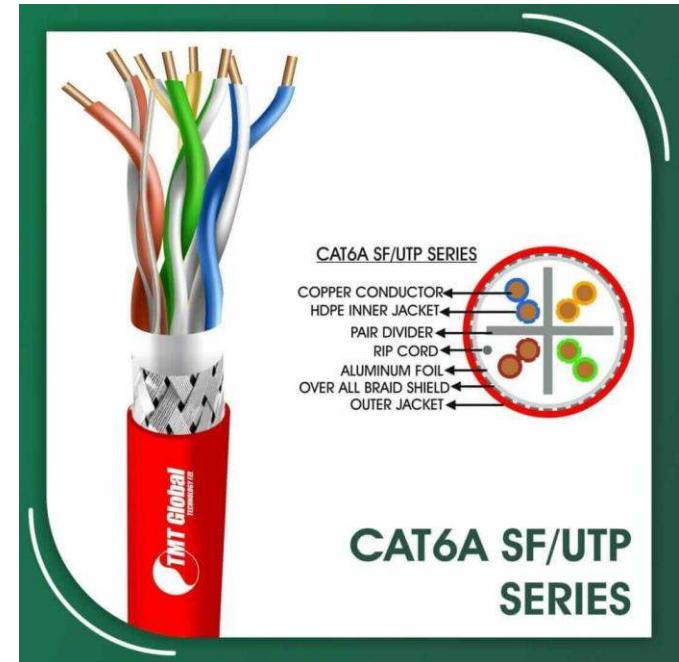
Ordering Information

Model No Series	Item Code	Description
TMT-4082	6A737BLB	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLUE
	6A737BLG	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GRAY
	6A737BLK	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLACK
	6A737BLN	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GREEN
	6A737BLO	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - ORANGE
	6A737BLR	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - RED
	6A737BLV	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - VIOLET
	6A737BLW	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - WHITE
	6A737BLY	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - YELLOW
	6A737BLA	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 50288-5 IEC 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
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A737BLB	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLUE
	6A737BLG	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GRAY
	6A737BLK	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLACK
	6A737BLN	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GREEN
	6A737BLO	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - ORANGE
	6A737BLR	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - RED
	6A737BLV	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - VIOLET
	6A737BLW	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - WHITE
	6A737BLY	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - YELLOW
	6A737BLA	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 50288-5 IEC 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
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A737BLB	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLUE
	6A737BLG	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GRAY
	6A737BLK	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - BLACK
	6A737BLN	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - GREEN
	6A737BLO	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - ORANGE
	6A737BLR	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - RED
	6A737BLV	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - VIOLET
	6A737BLW	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - WHITE
	6A737BLY	23AWG 4PAIR CAT6a SF/UTP CABLE LSZH 305M - YELLOW
	6A737BLA	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 50288-5 IEC 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
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A737BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A737BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A737BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A737BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A737BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A737BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A737BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A737BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A737BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A737BLA	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 50288-5 IEC 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
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A737BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A737BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A737BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A737BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A737BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A737BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A737BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A737BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A737BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A737BLA	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 50288-5 IEC 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
Outer Jacket	LSZH
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow/Aqua
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	6A737BLB	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLUE
	6A737BLG	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GRAY
	6A737BLK	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - BLACK
	6A737BLN	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - GREEN
	6A737BLO	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - ORANGE
	6A737BLR	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - RED
	6A737BLV	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - VIOLET
	6A737BLW	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - WHITE
	6A737BLY	23AWG 4PAIR CAT6A SF/UTP CABLE LSZH 305M - YELLOW
	6A737BLA	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 50288-5 IEC 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
Outer Jacket	LSZH
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	8xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

Ordering Information

Model No Series	Item Code	Description
TMT-4082	6a737BOK	23AWG 4PAIR CAT6a SF/UTP OUTDOOR CABLE 305M - BLACK



MIDDLE EAST OFFICE

TMT Global Technology FZE

Saif-zone Sharjah Airport

info@tmtuae.com

www.tmtuae.com



UK OFFICE

TMT Global Technology Ltd. (UK)

 120 Baker Street, 3rd Floor
London, England, W1U 6TU,
United Kingdom

 info@tmtglobal.co.uk

 www.tmtglobal.co.uk

