

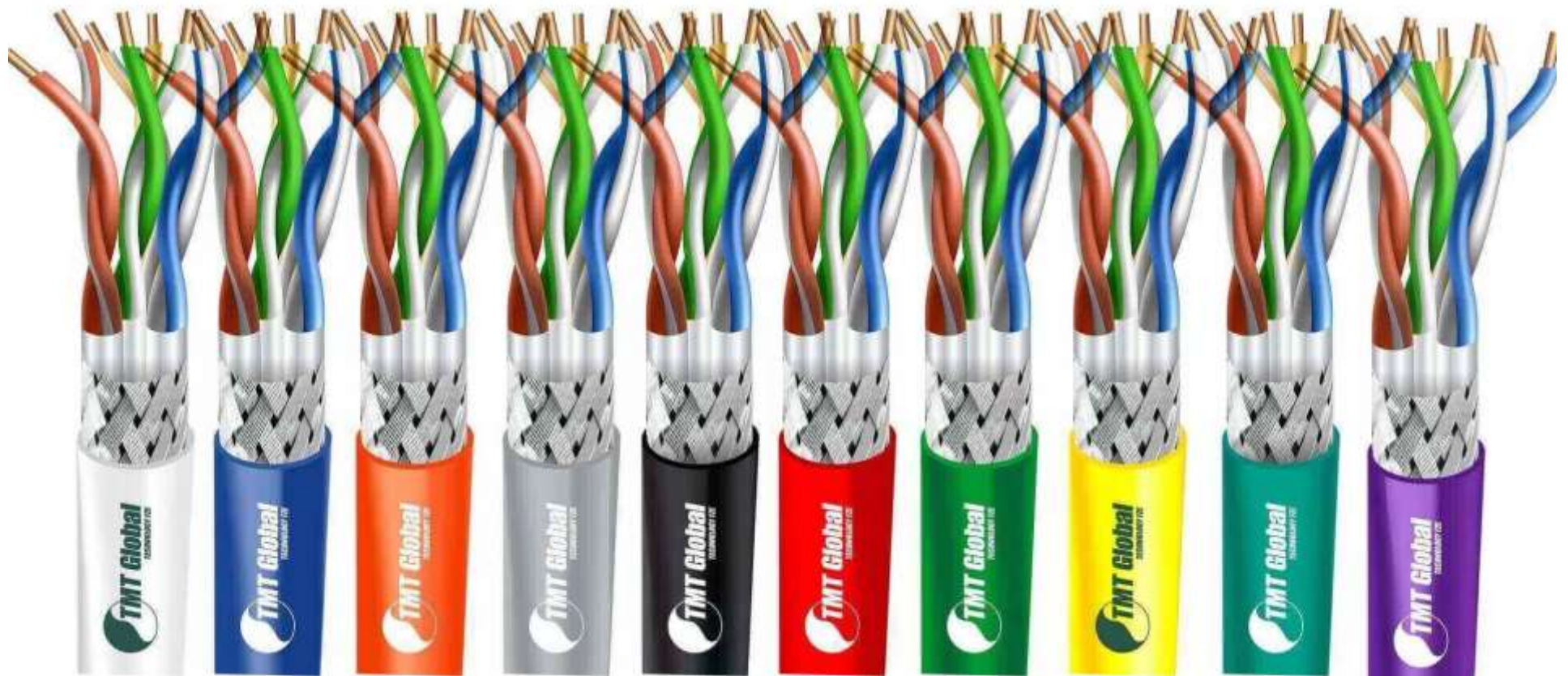


Products Catalog

<https://tmtglobal.co.uk>

6A536MXX SERIES

CAT6A CABLE



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- 13-13 ORDER INFORMATION



CAT6A S/FTP 23 AWG 4 Pair Network PVC Cable

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

The TMT Global Cat6A 23AWG 4 Twisted Pair S-FTP 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
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/m max. @ 1 KHz.	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Voltage rating	72 Vdc max.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	tmt copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminium tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8-12xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

ORDER INFORMATION

Item Code	Description
6A536MPB	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLUE
6A536MPG	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GRAY
6A536MPK	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLACK
6A536MPN	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GREEN
6A536MPO	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - ORANGE
6A536MPR	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - RED
6A536MPV	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - VIOLET
6A536MPW	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - WHITE
6A536MPY	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - YELLOW
6A536MPA	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - AQUA



CAT6A S/FTP 23 AWG 4 Pair Network PVC Cable

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

The TMT Global Cat6A 23AWG 4 Twisted Pair S-FTP 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
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/m max. @ 1 KHz.	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Voltage rating	72 Vdc max.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	tmt copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminium tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8-12xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

ORDER INFORMATION

Item Code	Description
6A536MPB	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLUE
6A536MPG	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GRAY
6A536MPK	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLACK
6A536MPN	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GREEN
6A536MPO	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - ORANGE
6A536MPR	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - RED
6A536MPV	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - VIOLET
6A536MPW	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - WHITE
6A536MPY	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - YELLOW
6A536MPA	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - AQUA



CAT6A S/FTP 23 AWG 4 Pair Network PVC Cable

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

The TMT Global Cat6A 23AWG 4 Twisted Pair S-FTP 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
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/m max. @ 1 KHz.	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Voltage rating	72 Vdc max.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	tmt copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminium tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8-12xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

ORDER INFORMATION

Item Code	Description
6A536MPB	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLUE
6A536MPG	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GRAY
6A536MPK	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLACK
6A536MPN	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GREEN
6A536MPO	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - ORANGE
6A536MPR	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - RED
6A536MPV	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - VIOLET
6A536MPW	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - WHITE
6A536MPY	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - YELLOW
6A536MPA	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - AQUA



CAT6A S/FTP 23 AWG 4 Pair Network PVC Cable

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

The TMT Global Cat6A 23AWG 4 Twisted Pair S-FTP 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
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/m max. @ 1 KHz.	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Voltage rating	72 Vdc max.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	tmt copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminium tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8-12xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

ORDER INFORMATION

Item Code	Description
6A536MPB	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLUE
6A536MPG	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GRAY
6A536MPK	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLACK
6A536MPN	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GREEN
6A536MPO	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - ORANGE
6A536MPR	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - RED
6A536MPV	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - VIOLET
6A536MPW	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - WHITE
6A536MPY	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - YELLOW
6A536MPA	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - AQUA



CAT6A S/FTP 23 AWG 4 Pair Network PVC Cable

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

The TMT Global Cat6A 23AWG 4 Twisted Pair S-FTP 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
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/m max. @ 1 KHz.	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Voltage rating	72 Vdc max.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	tmt copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminium tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8-12xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

ORDER INFORMATION

Item Code	Description
6A536MPB	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLUE
6A536MPG	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GRAY
6A536MPK	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLACK
6A536MPN	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GREEN
6A536MPO	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - ORANGE
6A536MPR	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - RED
6A536MPV	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - VIOLET
6A536MPW	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - WHITE
6A536MPY	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - YELLOW
6A536MPA	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - AQUA



CAT6A S/FTP 23 AWG 4 Pair Network PVC Cable

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

The TMT Global Cat6A 23AWG 4 Twisted Pair S-FTP 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

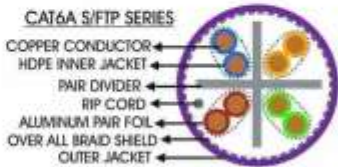
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/m max. @ 1 KHz.	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Voltage rating	72 Vdc max.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	tmt copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminium tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8-12xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

ORDER INFORMATION

Item Code	Description
6A536MPB	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLUE
6A536MPG	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GRAY
6A536MPK	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLACK
6A536MPN	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GREEN
6A536MPO	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - ORANGE
6A536MPR	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - RED
6A536MPV	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - VIOLET
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6A536MPY	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - YELLOW
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CAT6A S/FTP SERIES

CAT6A S/FTP 23 AWG 4 Pair Network PVC Cable

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

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ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/m max. @ 1 KHz.	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Voltage rating	72 Vdc max.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	tmt copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminium tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8-12xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

ORDER INFORMATION

Item Code	Description
6A536MPB	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLUE
6A536MPG	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GRAY
6A536MPK	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLACK
6A536MPN	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GREEN
6A536MPO	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - ORANGE
6A536MPR	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - RED
6A536MPV	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - VIOLET
6A536MPW	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - WHITE
6A536MPY	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - YELLOW
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ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/m max. @ 1 KHz.	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Voltage rating	72 Vdc max.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	tmt copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminium tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8-12xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

ORDER INFORMATION

Item Code	Description
6A536MPB	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLUE
6A536MPG	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GRAY
6A536MPK	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLACK
6A536MPN	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GREEN
6A536MPO	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - ORANGE
6A536MPR	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - RED
6A536MPV	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - VIOLET
6A536MPW	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - WHITE
6A536MPY	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - YELLOW
6A536MPA	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - AQUA



CAT6A S/FTP 23 AWG 4 Pair Network PVC Cable

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

The TMT Global Cat6A 23AWG 4 Twisted Pair S-FTP 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
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/m max. @ 1 KHz.	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Voltage rating	72 Vdc max.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	tmt copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminium tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8-12xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

ORDER INFORMATION

Item Code	Description
6A536MPB	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLUE
6A536MPG	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GRAY
6A536MPK	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLACK
6A536MPN	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GREEN
6A536MPO	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - ORANGE
6A536MPR	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - RED
6A536MPV	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - VIOLET
6A536MPW	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - WHITE
6A536MPY	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - YELLOW
6A536MPA	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - AQUA



CAT6A S/FTP 23 AWG 4 Pair Network PVC Cable

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

The TMT Global Cat6A 23AWG 4 Twisted Pair S-FTP 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

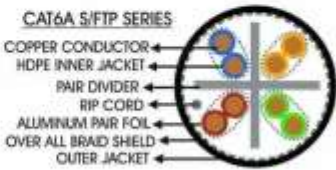
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/m max. @ 1 KHz.	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Voltage rating	72 Vdc max.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	tmt copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminium tape
Ground wire	copper conductor
Outer Jacket	PVC
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	8-12xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

ORDER INFORMATION

Item Code	Description
6A536MPB	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLUE
6A536MPG	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GRAY
6A536MPK	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLACK
6A536MPN	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GREEN
6A536MPO	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - ORANGE
6A536MPR	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - RED
6A536MPV	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - VIOLET
6A536MPW	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - WHITE
6A536MPY	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - YELLOW
6A536MPA	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - AQUA



CAT6A S/FTP SERIES

CAT6A S/FTP 23 AWG 4 Pair Network PE Outdoor Cable

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

The TMT Global Cat6A 23AWG 4 Twisted Pair S-FTP Network Outdoor 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
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/m max. @ 1 KHz.	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Voltage rating	72 Vdc max.	Coupling attenuation	55 dB min @ 30-100 MHz 55-20Log(f/100) @100-500 MHz
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	tmt copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Coverage	Braiding Shield +Polyester-aluminium tape
Ground wire	copper conductor
Outer Jacket	PE OUTDOOR
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	8-12xOD (mm)
Storage Temperature	-20 to +80C
Flame Test	IEC 60332-1

ORDER INFORMATION

Item Code	Description
6A536MKK	23AWG 4PAIR CAT6A S/FTP CABLE PE OUTDOOR 305M - BLACK

CAT6A S/FTP CABLES

CAT6A S/FTP CABLES MODEL DETAILS	
PVC SERIES	
6A536MPB	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLUE
6A536MPG	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GRAY
6A536MPK	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - BLACK
6A536MPN	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - GREEN
6A536MPO	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - ORANGE
6A536MPR	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - RED
6A536MPV	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - VIOLET
6A536MPW	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - WHITE
6A536MPY	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - YELLOW
6A536MPA	23AWG 4PAIR CAT6A S/FTP CABLE PVC 305M - AQUA
LSZH SERIES	
6A536MLB	23AWG 4PAIR CAT6A S/FTP CABLE LSZH 305M - BLUE
6A536MLG	23AWG 4PAIR CAT6A S/FTP CABLE LSZH 305M - GRAY
6A536MLK	23AWG 4PAIR CAT6A S/FTP CABLE LSZH 305M - BLACK
6A536MLN	23AWG 4PAIR CAT6A S/FTP CABLE LSZH 305M - GREEN
6A536MLO	23AWG 4PAIR CAT6A S/FTP CABLE LSZH 305M - ORANGE
6A536MLR	23AWG 4PAIR CAT6A S/FTP CABLE LSZH 305M - RED
6A536MLV	23AWG 4PAIR CAT6A S/FTP CABLE LSZH 305M - VIOLET
6A536MLW	23AWG 4PAIR CAT6A S/FTP CABLE LSZH 305M - WHITE
6A536MLY	23AWG 4PAIR CAT6A S/FTP CABLE LSZH 305M - YELLOW
6A536MLA	23AWG 4PAIR CAT6A S/FTP CABLE LSZH 305M - AQUA
OUTDOOR SERIES	
6A536MKK	23AWG 4PAIR CAT6A S/FTP CABLE PE Outdoor 305M - BLACK



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