

CAT6A U/UTP SERIES



CAT6A U/UTP SERIES

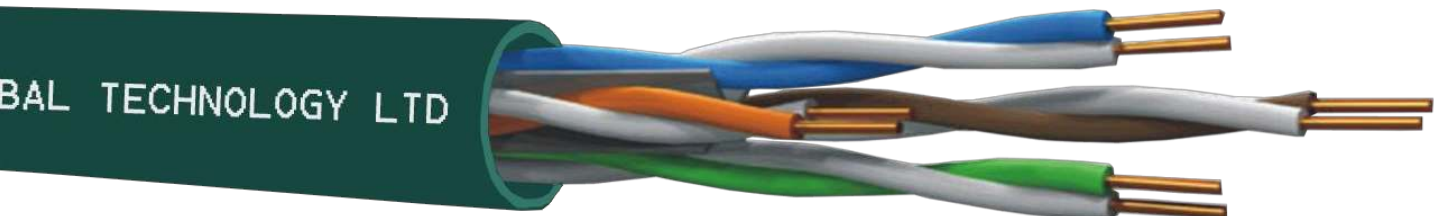
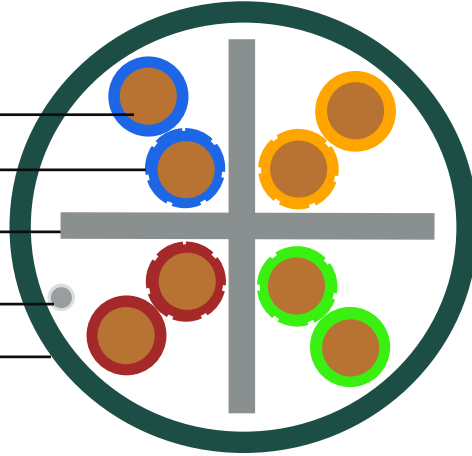
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INNER JACKET ←

PAIR DIVIDER ←

RIP CORD ←

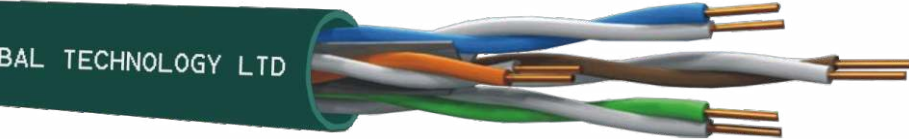
OUTER JACKET ←



23AWG CAT6A U/UTP CABLE SERIES



STRUCTURED CABLING CAT6A SERIES



200 M REEL



100 M REEL

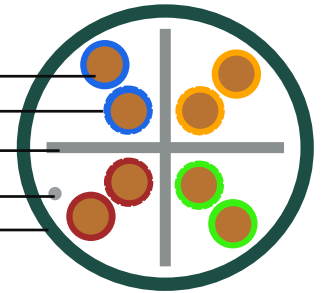


50 M REEL



CAT6A U/UTP SERIES

- COPPER CONDUCTOR
- INNER JACKET
- PAIR DIVIDER
- RIP CORD
- OUTER JACKET



CAT 6A U/UTP 23 AWG LAN Cable

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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
Outer Jacket Color :	Black /Grey/Blue
Standard Surface Marking :	Includes TMTGLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force :	100 N max.
Short Term Bend Radius :	6xOD mm
Storage Temperature :	-20 to +80
Temperature operating range :	-20 to +60C
Installation temperature range :	0 to +50C

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	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Voltage rating	72 Vdc max.	Coupling attenuation	40 dB min @ 30-100 MHz 40-20Log(f/100) @100-300 mhz

Ordering Information

Model No	Product ID	Description
TMT-4060-050	6A132BPB	23AWG 4PAIR CAT6A U/UTP CABLE 50/M
TMT-4060-100	6A132BPB	23AWG 4PAIR CAT6A U/UTP CABLE 100/M
TMT-4060-200	6A132BPB	23AWG 4PAIR CAT6A U/UTP CABLE 200/M



CAT6A U/UTP SERIES



CAT6A U/UTP SERIES

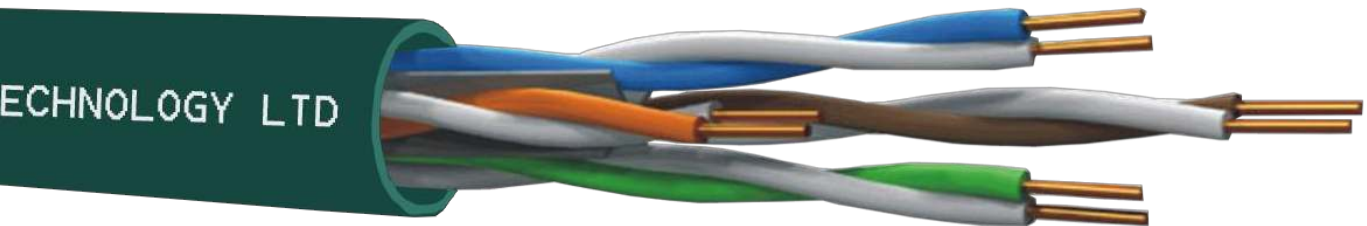
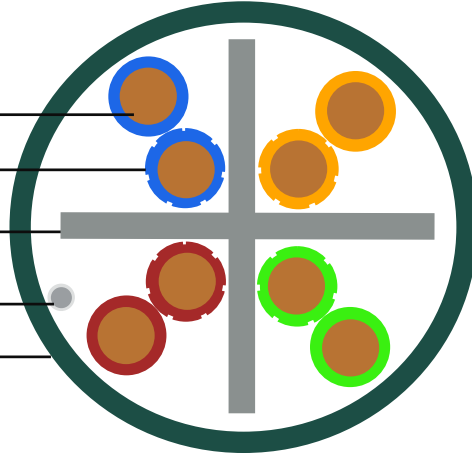
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INNER JACKET

PAIR DIVIDER

RIP CORD

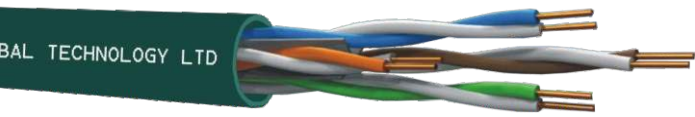
OUTER JACKET



23AWG CAT6A U/UTP CABLE SERIES

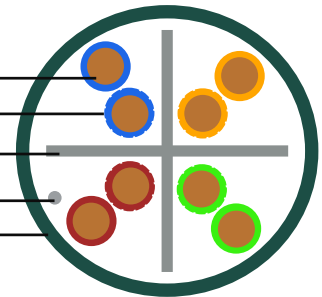


STRUCTURED CABLING CAT6A SERIES



CAT6A U/UTP SERIES

COPPER CONDUCTOR
INNER JACKET
PAIR DIVIDER
RIP CORD
OUTER JACKET



CAT 6A U/UTP 23 AWG LAN Cable

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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 Tape Wrap	Optional . Plastic tape, providing 100% coverage.
Outer Jacket :	PVC compound
Outer Jacket Color :	Black /Grey/Blue
Standard Surface Marking :	Includes TMTGLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force :	100 N max.
Short Term Bend Radius :	6xOD mm
Storage Temperature :	-20 to +80
Temperature operating range :	-20 to +60C
Installation temperature range :	0 to +50C

ELECTRICAL SPECIFICATIONS

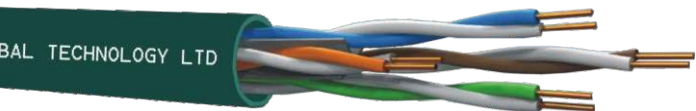
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Voltage rating	72 Vdc max.	Coupling attenuation	40 dB min @ 30-100 MHz 40-20Log(f/100) @100-300 mhz

Ordering Information

Model No	Item Code	Description
TMT-4060	6A136MPB	23AWG 4PAIR CAT6A U/UTP CABLE 305M

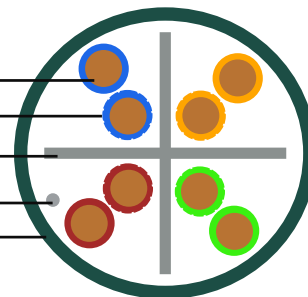


STRUCTURED CABLING CAT6A SERIES



CAT6A U/UTP SERIES

- COPPER CONDUCTOR ←
- INNER JACKET ←
- PAIR DIVIDER ←
- RIP CORD ←
- OUTER JACKET ←



CAT 6A U/UTP 23 AWG LAN Cable

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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 Tape Wrap	Optional . Plastic tape, providing 100% coverage.
Outer Jacket :	LSZH Halogen free flame retardant
Outer Jacket Color :	Black /Grey/Blue
Standard Surface Marking :	Includes TMTGLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force :	100 N max.
Short Term Bend Radius :	6xOD mm
Storage Temperature :	-20 to +80
Temperature operating range :	-20 to +60C
Installation temperature range :	0 to +50C

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	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Propagation Delay Skew	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Voltage rating	72 Vdc max.	Coupling attenuation	40 dB min @ 30-100 MHz 40-20Log(f/100) @100-300 mhz

Ordering Information

Model No	Item Code	Description
TMT-4061	6A136MLB	23AWG 4PAIR CAT6A U/UTP CABLE 305M LSZH

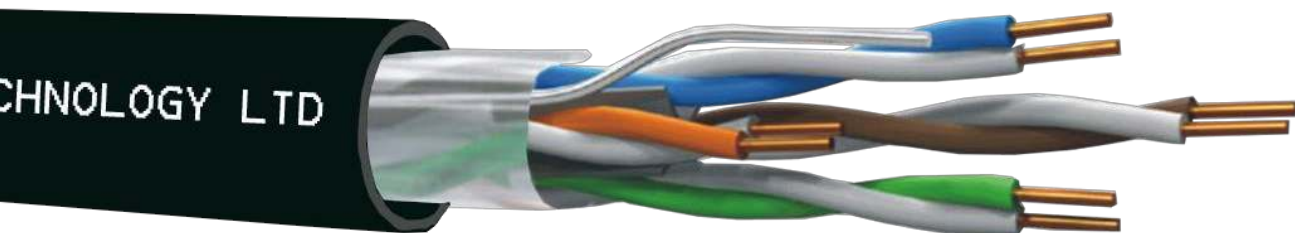
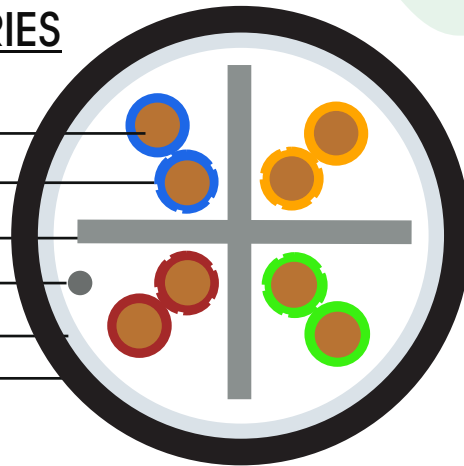


CAT6A U/UTP OUTDOOR SERIES



CAT6A U/UTP OUTDOOR SERIES

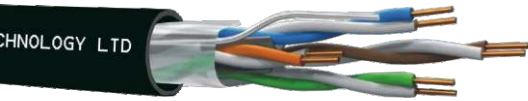
- COPPER CONDUCTOR
- INNER JACKET
- PAIR DIVIDER
- RIP CORD
- PLASTIC FOIL
- OUTER JACKET



23AWG CAT6A U/UTP OUTDOOR CABLE SERIES

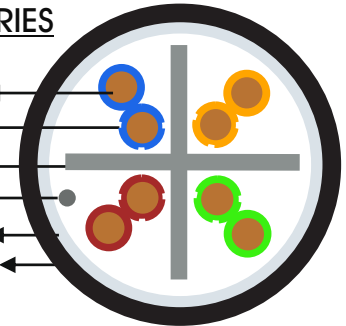


STRUCTURED CABLING CAT6A SERIES



CAT6A U/UTP OUTDOOR SERIES

COPPER CONDUCTOR
 INNER JACKET
 PAIR DIVIDER
 RIP CORD
 PLASTIC FOIL
 OUTER JACKET



CAT 6A U/UTP 23 AWG OUT DOOR LAN CABLE

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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
Outer Jacket	Heavy-duty, black, UV-resistant PE compound for Indoor /outdoor use. Color : (Black)
Overall Screening	Plastic tape
Standard Surface Marking	Includes TMT GLOBAL , cable description, Meter mark and MODEL NO,
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

ELECTRICAL SPECIFICATIONS

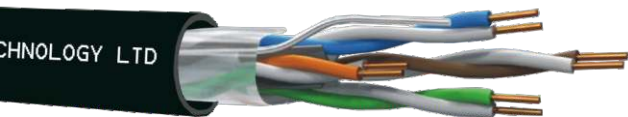
Characteristic Impedance	100—6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min RMS
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	85 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.

Ordering Information

Model Series	Item Code	Description
TMT-4063	6A136MOK	23AWG 4PAIR CAT6A U/UTP INDOOR/OUTDOOR CABLE 305M

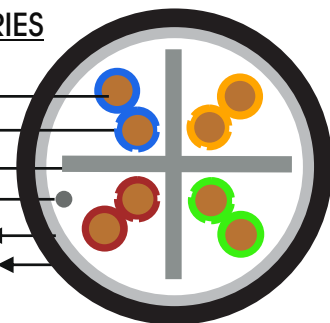


STRUCTURED CABLING CAT6A SERIES



CAT6A PF/UTP OUTDOOR SERIES

COPPER CONDUCTOR
INNER JACKET
PAIR DIVIDER
RIP CORD
PLASTIC FOIL
OUTER JACKET



CAT 6A PF/UTP 23 AWG OUT DOOR LAN CABLE

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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 Indoor /outdoor use. Color : (Black)
Overall Screening	Plastic tape
Standard Surface Marking	Includes TMT GLOBAL , cable description, Meter mark and MODEL NO,
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

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	85 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.

Ordering Information

Model Series	Item Code	Description
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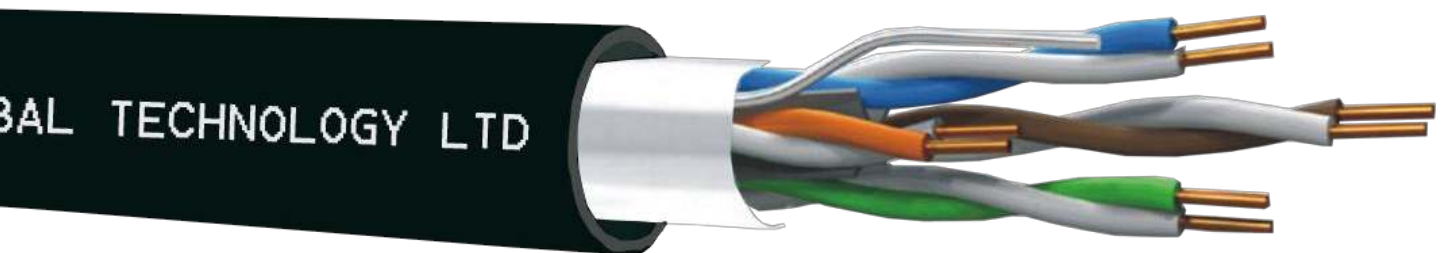
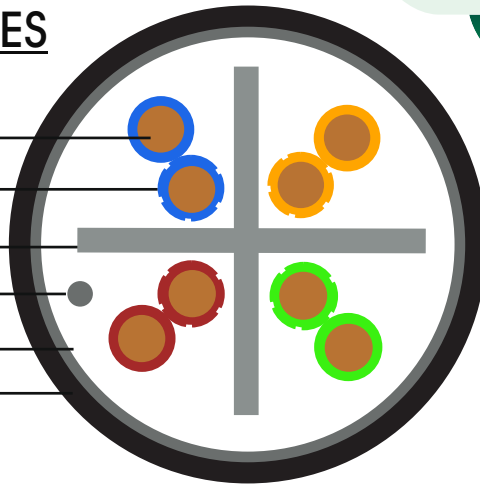


CAT6A F/UTP OUTDOOR SERIES



CAT6A F/UTP OUTDOOR SERIES

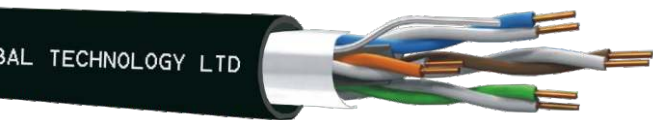
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- INNER JACKET
- PAIR DIVIDER
- RIP CORD
- ALUMINIUM FOIL
- OUTER JACKET



**23AWG
CAT6A F/UTP
OUTDOOR
CABLE SERIES**

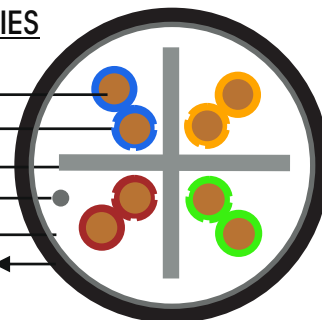


STRUCTURED CABLING CAT6A SERIES



CAT6A F/UTP OUTDOOR SERIES

- COPPER CONDUCTOR
- INNER JACKET
- PAIR DIVIDER
- RIP CORD
- ALUMINIUM FOIL
- OUTER JACKET



CAT 6A F/UTP 23 AWG OUT DOOR LAN CABLE

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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
Outer Jacket	Heavy-duty, black, UV-resistant PE compound for Indoor /outdoor use. Color : (Black)
Overall Screening	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Standard Surface Marking	Includes TMT GLOBAL , cable description, Meter mark and MODEL NO,
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

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	85 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.

Ordering Information

Model Series	Item Code	Description
TMT-4065	6A236MOK	23AWG 4PAIR CAT6A F/UTP INDOOR/OUTDOOR CABLE 305M

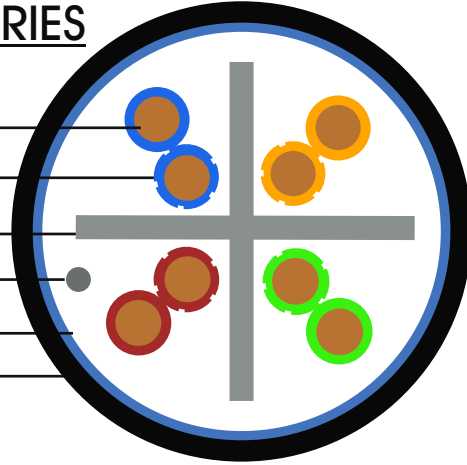


CAT6A DJ/UTP OUTDOOR SERIES



CAT6A DJ/UTP OUTDOOR SERIES

- COPPER CONDUCTOR
- INNER JACKET
- PAIR DIVIDER
- RIP CORD
- 2ND JACKET
- OUTER JACKET



**23AWG
CAT6A DJ/UTP
OUTDOOR
CABLE SERIES**

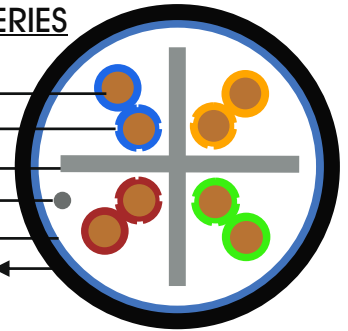


STRUCTURED CABLING CAT6A SERIES



CAT6A DJ/UTP OUTDOOR SERIES

- COPPER CONDUCTOR
- INNER JACKET
- PAIR DIVIDER
- RIP CORD
- 2ND JACKET
- OUTER JACKET



CAT 6A DJ/UTP 23 AWG OUT DOOR LAN CABLE

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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
Outer Jacket 1	PVC
Outer Jacket 2	Heavy-duty, black, UV-resistant PE compound for Indoor /outdoor use. Color : (Black)
Standard Surface Marking	Includes TMT GLOBAL , cable description, Meter mark and MODEL NO,
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

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	85 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.

Ordering Information

Model Series	Item Code	Description
TMT-4066	6A136MDK	23AWG 4PAIR CAT6A DJ/UTP INDOOR/OUTDOOR CABLE 305M

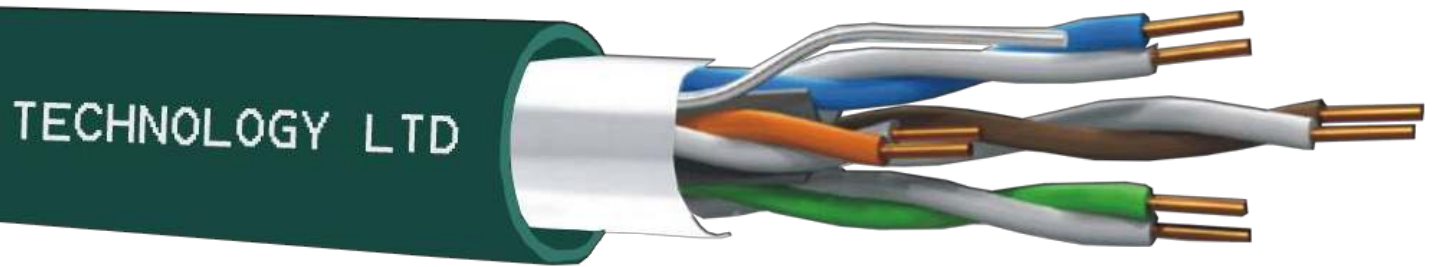
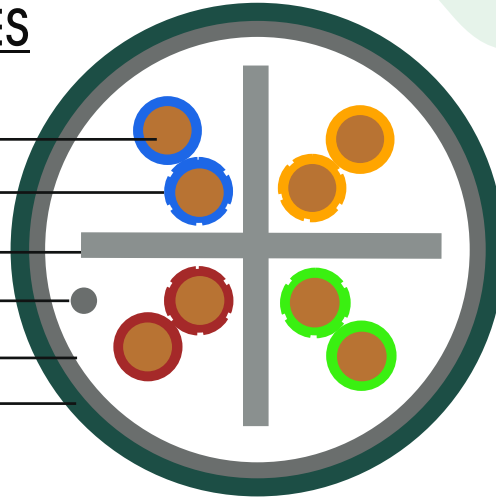


CAT6A F/UTP SERIES



CAT6A F/UTP SERIES

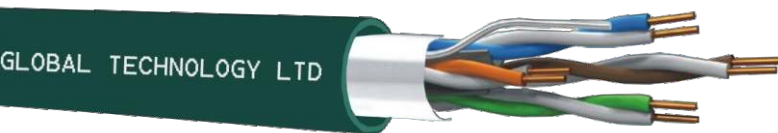
- COPPER CONDUCTOR
- INNER JACKET
- PAIR DIVIDER
- RIP CORD
- ALUMINIUM FOIL
- OUTER JACKET



23AWG CAT6A F/UTP CABLE SERIES

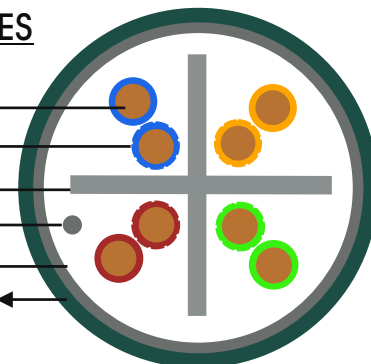


STRUCTURED CABLING CAT6A SERIES



CAT6A F/UTP SERIES

COPPER CONDUCTOR
INNER JACKET
PAIR DIVIDER
RIP CORD
ALUMINIUM FOIL
OUTER JACKET



CAT 6A F/UTP LAN Cable

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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
Individual pair shield	Laminated aluminum foil (foil face outward) providing 100% coverage.
Drain wire	Solid, 24AWG, 0.51 mm, tin-coated annealed copper
Overall Tape Wrap	Polyester tape providing 100% coverage.
Outer Jacket :	LSZH Halogen free flame retardant
Outer Jacket Color :	Black /Grey/Blue
Standard Surface Marking :	Includes TMTGLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force :	110 N max
Short Term Bend Radius :	8xOD mm
Temperature operating range :	-20 to +60C

ELECTRICAL SPECIFICATIONS

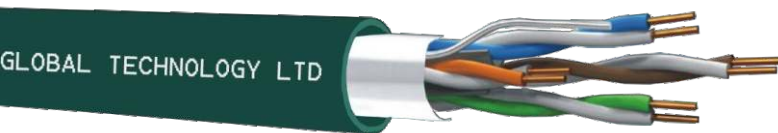
Characteristic Impedance	100±6 Ohm @ 1-500 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Propagation Delay Skew	534 + 36/vf. nS/100m max @ 1-500 MHz
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	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	10 mOhm/m max @ 1-10 MHz 30 mOhm/m max @ 30 MHz.

Ordering Information

Model No	Item Code	Description
TMT-4070	6A236MLB	23AWG 4PAIR CAT6A F/UTP CABLE BLUE LSZH 305M

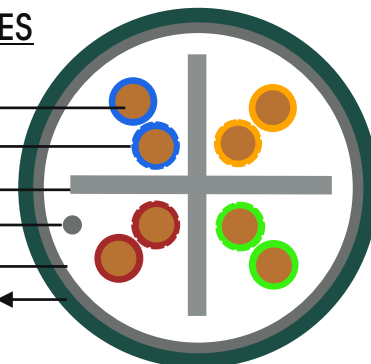


STRUCTURED CABLING CAT6A SERIES



CAT6A F/UTP SERIES

COPPER CONDUCTOR
INNER JACKET
PAIR DIVIDER
RIP CORD
ALUMINIUM FOIL
OUTER JACKET



CAT 6A F/UTP LAN Cable

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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
Individual pair shield	Laminated aluminum foil (foil face outward) providing 100% coverage.
Drain wire	Solid, 24AWG, 0.51 mm, tin-coated annealed copper
Overall Tape Wrap	Polyester tape providing 100% coverage.
Outer Jacket :	LSZH Halogen free flame retardant
Outer Jacket Color :	Black /Grey/Blue
Standard Surface Marking :	Includes TMTGLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force :	110 N max
Short Term Bend Radius :	8xOD mm
Temperature operating range :	-20 to +60C

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	10 mOhm/m max @ 1-10 MHz 30 mOhm/m max @ 30 MHz.

Ordering Information

Model No	Item Code	Description
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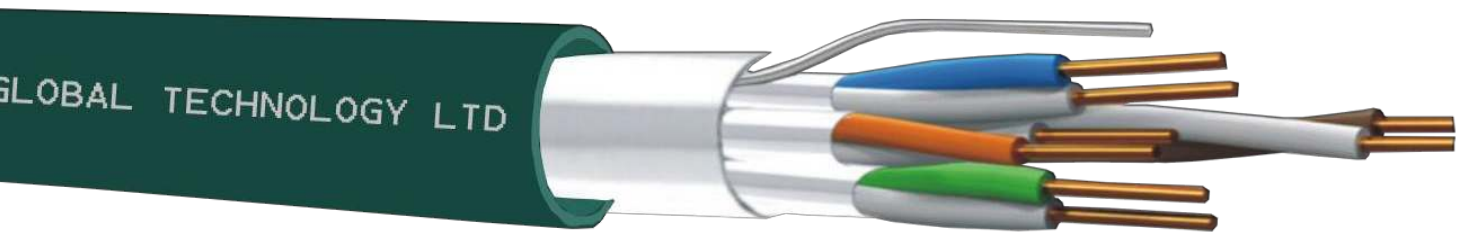
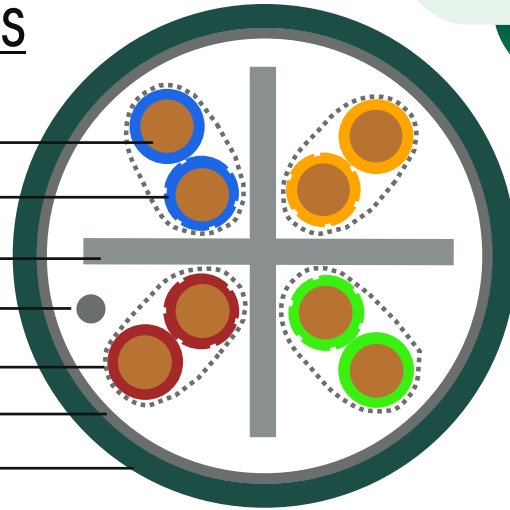


CAT6A F/FTP SERIES



CAT6A F/FTP SERIES

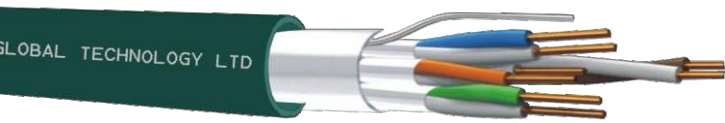
- COPPER CONDUCTOR
- HDPE INNER JACKET
- PAIR DIVIDER
- RIP CORD
- ALUMINUM PAIR FOIL
- ALUMINUM FOIL
- OUTER JACKET



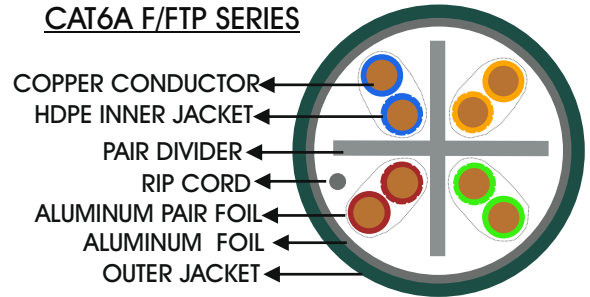
23AWG CAT6A F/FTP CABLE SERIES



STRUCTURED CABLING CAT6A SERIES



CAT6A F/FTP SERIES



CAT 6A F/FTP LAN Cable

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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
Individual pair shield	Laminated aluminum foil (foil face outward) providing 100% coverage.
Drain wire	Solid, 24AWG, 0.51 mm, tin-coated annealed copper
Overall shield	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Outer Jacket :	LSZH Halogen free flame retardant
Outer Jacket Color :	Black /Grey/Blue
Standard Surface Marking :	Includes TMTGLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force :	110 N max
Short Term Bend Radius :	8xOD mm
Temperature operating range :	-20 to +60C

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	85 dB min @ 30-100 MHz 85-20Log(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.

Ordering Information

Model No	Item Code	Description
TMT-4075	6A436MLB	23AWG 4PAIR CAT6A F/FTP CABLE BLUE LSZH 305M



CAT6A U/FTP SERIES



CAT6A U/FTP SERIES

COPPER CONDUCTOR

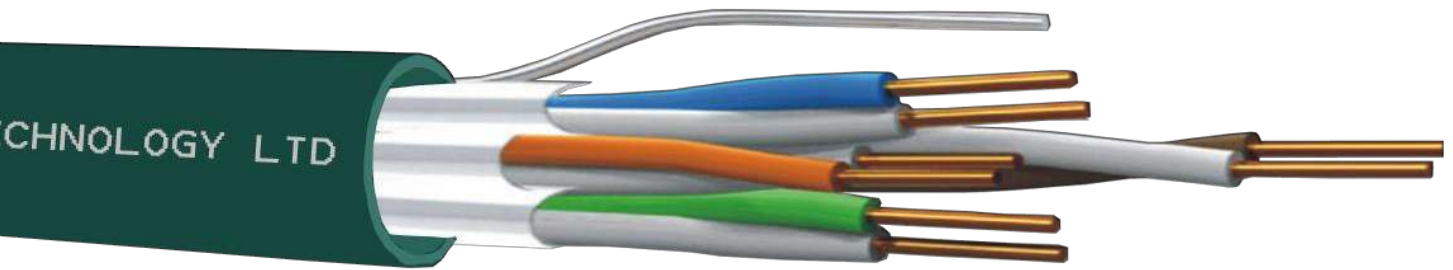
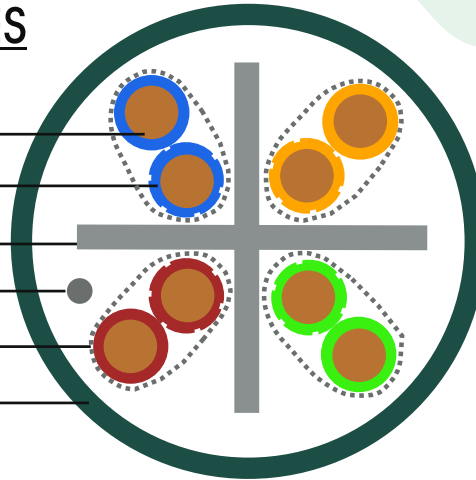
HDPE INNER JACKET

PAIR DIVIDER

RIP CORD

ALUMINUM PAIR FOIL

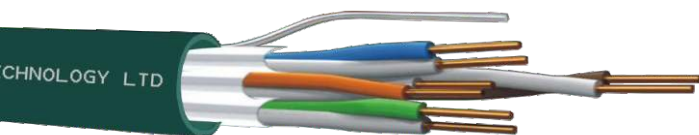
OUTER JACKET



23AWG CAT6A U/FTP CABLE SERIES

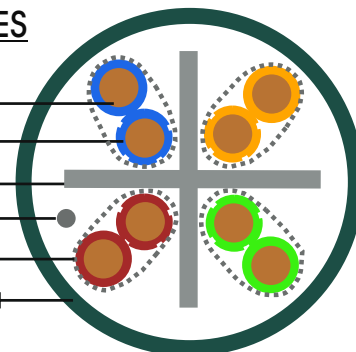


STRUCTURED CABLING CAT6A SERIES



CAT6A U/FTP SERIES

- COPPER CONDUCTOR
- HDPE INNER JACKET
- PAIR DIVIDER
- RIP CORD
- ALUMINUM PAIR FOIL
- OUTER JACKET



CAT 6A U/FTP LAN Cable

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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
Individual pair shield	Laminated aluminum foil (foil face outward) providing 100% coverage.
Drain wire	Solid, 24AWG, 0.51 mm, tin-coated annealed copper
Overall Tape Wrap	Polyester tape providing 100% coverage.
Outer Jacket :	LSZH Halogen free flame retardant
Outer Jacket Color :	Black /Grey/Blue
Standard Surface Marking :	Includes TMTGLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force :	110 N max
Short Term Bend Radius :	8xOD mm
Temperature operating range :	-20 to +60C

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	10 mOhm/m max @ 1-10 MHz 30 mOhm/m max @ 30 MHz.

Ordering Information

Model No	Item Code	Description
TMT-4078	6A336MLB	23AWG 4PAIR CAT6A U/FTP CABLE 305M LSZH

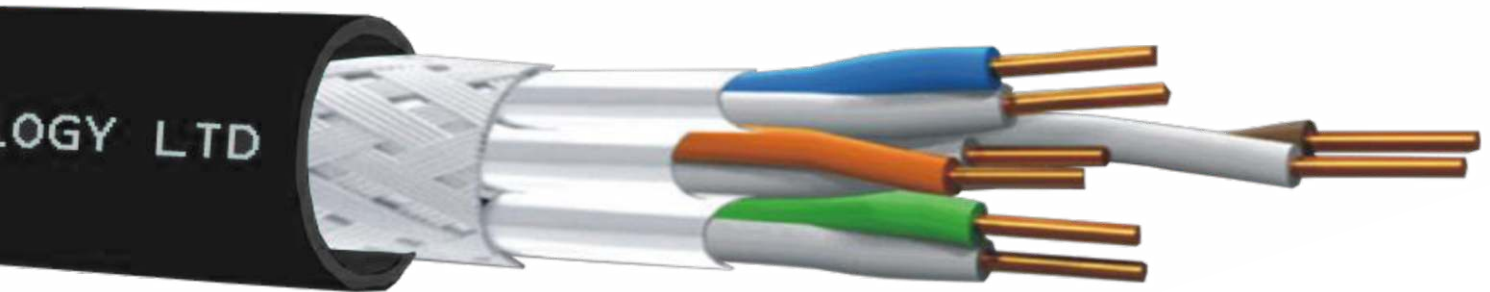
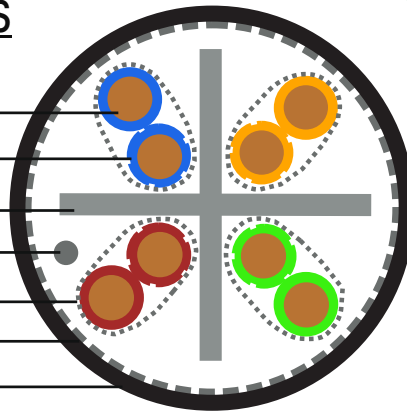


CAT6A S/FTP SERIES



CAT6A S/FTP SERIES

- COPPER CONDUCTOR
- HDPE INNER JACKET
- PAIR DIVIDER
- RIP CORD
- ALUMINUM PAIR FOIL
- OVER ALL BRAID SHIELD
- OUTER JACKET



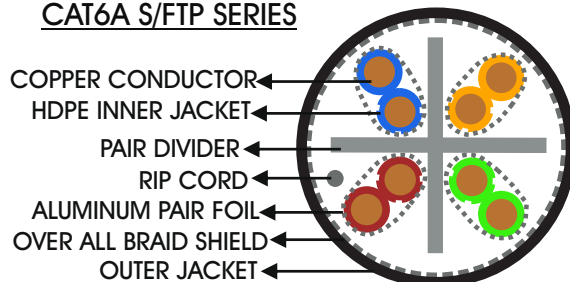
**23AWG
CAT6A S/FTP
CABLE
SERIES**



STRUCTURED CABLING CAT6A SERIES



CAT6A S/FTP SERIES



CAT 6A S/FTP LAN Cable

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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, Orange x White, Green x White, Brown x White.
Individual pair shield	Laminated aluminum foil (foil face outward) providing 100% coverage.
Drain wire	None
Overall Shield	Tin coated copper braid laid in close contact over the inner foils
Outer Jacket :	LSZH Halogen free flame retardant
Outer Jacket Color :	Black /Grey/Blue
Standard Surface Marking :	Includes TMTGLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force :	110 N max
Short Term Bend Radius :	9xOD mm
Temperature operating range :	-20 to +60C

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	85 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.

Ordering Information

Model No	Item Code	Description
TMT-4080	6A536MLB	23AWG 4PAIR CAT6A S/FTP CABLE 305M LSZH

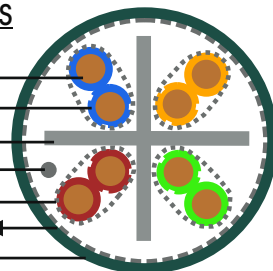


STRUCTURED CABLING CAT6A SERIES



CAT6A S/FTP SERIES

- COPPER CONDUCTOR
- HDPE INNER JACKET
- PAIR DIVIDER
- RIP CORD
- ALUMINUM PAIR FOIL
- OVER ALL BRAID SHIELD
- OUTER JACKET



CAT 6A S/FTP LAN Cable

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

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, Orange x White, Green x White, Brown x White.
Individual pair shield	Laminated aluminum foil (foil face outward) providing 100% coverage.
Drain wire	None
Overall Shield	Tin coated copper braid laid in close contact over the inner foils
Outer Jacket :	LSZH Halogen free flame retardant or PVC compound.
Outer Jacket Color :	Black /Grey/Blue
Standard Surface Marking :	Includes TMTGLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force :	110 N max
Short Term Bend Radius :	9xOD mm
Temperature operating range :	-20 to +60C

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	85 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.

Ordering Information

Model No	Item Code	Description
TMT-4081	6A536BLB	23AWG 4PAIR CAT6A S/FTP CABLE 305M LSZH

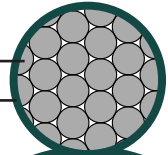


CAT6A ELEVATOR U/UTP SERIES

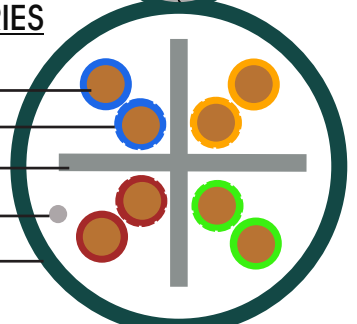


CAT6 ELEVATOR FLAT U/UTP SERIES

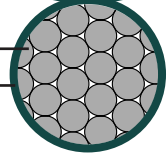
STEEL SUPPORT WIRE
OUTER JACKET



COPPER CONDUCTOR
INNER JACKET
PAIR DIVIDER
RIP CORD
OUTER JACKET



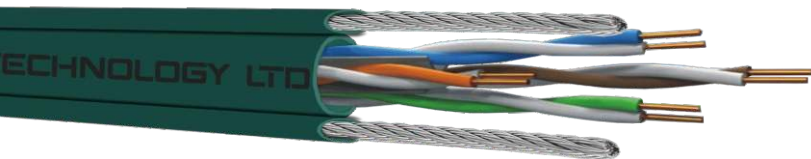
STEEL SUPPORT WIRE
OUTER JACKET



CAT6A ELEVATOR FLAT U/UTP CABLE SERIES



STRUCTURED CABLING CAT6A SERIES



CAT6 ELEVATOR FLAT U/UTP SERIES

STEEL SUPPORT WIRE
OUTER JACKET

COPPER CONDUCTOR
INNER JACKET
PAIR DIVIDER
RIP CORD
OUTER JACKET

STEEL SUPPORT WIRE
OUTER JACKET

CAT 6A U/UTP 23 AWG LIFT TRAVELLING LAN CABLE

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	TMT copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs stranded +2 strong tensile force steel wire
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	Elasticity ,LSZH Halogen free flame retardant
Overall Tape Wrap	Polyester tape providing 100% coverage.
Standard Jacket Color	Gray /Blue/Black
Standard Surface Marking	Includes TMT GLOBAL , cable description, Meter mark and MODEL NO,
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +60C

ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-100 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	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	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Voltage rating	72 Vdc max.	Coupling attenuation	40 dB min @ 30-100 MHz 40-20Log(f/100) @100-300 MHz

Ordering Information

Model Series	Item Code	Description
TMT-4088	6A636MEB	23AWG 4PAIR CAT6A U/UTP LIFT FLATE CABLE 305M LSZH

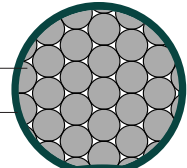


CAT6A ELEVATOR F/UTP SERIES

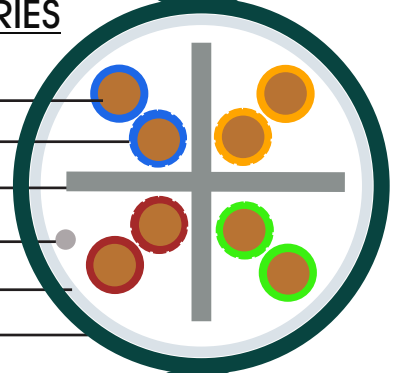


CAT6 ELEVATOR FLAT F/UTP SERIES

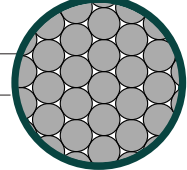
STEEL SUPPORT WIRE
OUTER JACKET



COPPER CONDUCTOR
INNER JACKET
PAIR DIVIDER
RIP CORD
ALUMINUM FOIL
OUTER JACKET



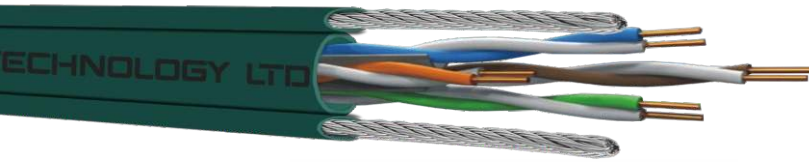
STEEL SUPPORT WIRE
OUTER JACKET



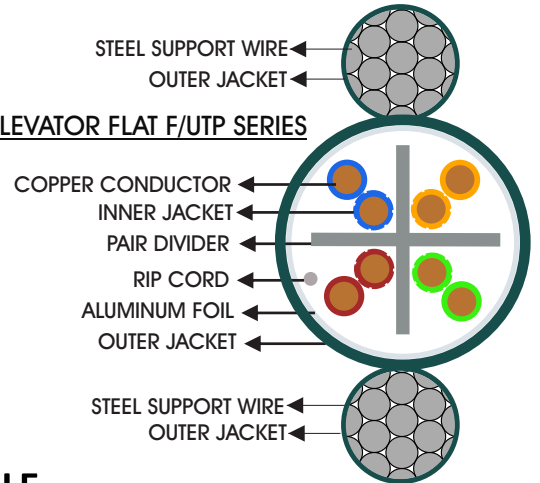
CAT6A ELEVATOR FLAT F/UTP CABLE SERIES



STRUCTURED CABLING CAT6A SERIES



CAT6 ELEVATOR FLAT F/UTP SERIES



CAT 6A F/UTP 23 AWG LIFT TRAVELLING LAN CABLE

Standards: (1) ANSI/TIA/568.2-D (2) CENELEC EN 50288-5 (3) IEC 61156-5 (ISO/IEC-11801 Class Ea)

PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	TMT copper
Conductor Size	23AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs stranded +2 strong tensile force steel wire
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	Elasticity ,LSZH Halogen free flame retardant
Overall Screening	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Standard Jacket Color	Gray /Blue/Black
Standard Surface Marking	Includes TMT GLOBAL , cable description, Meter mark and MODEL NO,
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +60C

ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100±6 Ohm @ 1-100 MHz	Dielectric strength	1500 Volts/1 minute min rms
Loop Resistance	25	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	45 nS/100m max @ 1-500 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Voltage rating	72 Vdc max.	Coupling attenuation	40 dB min @ 30-100 MHz 40-20Log(f/100) @100-300 MHz

Ordering Information

Model Series	Item Code	Description
TMT-4089	6A236MEB	23AWG 4PAIR CAT6A F/UTP LIFT FLATE CABLE 305M LSZH

