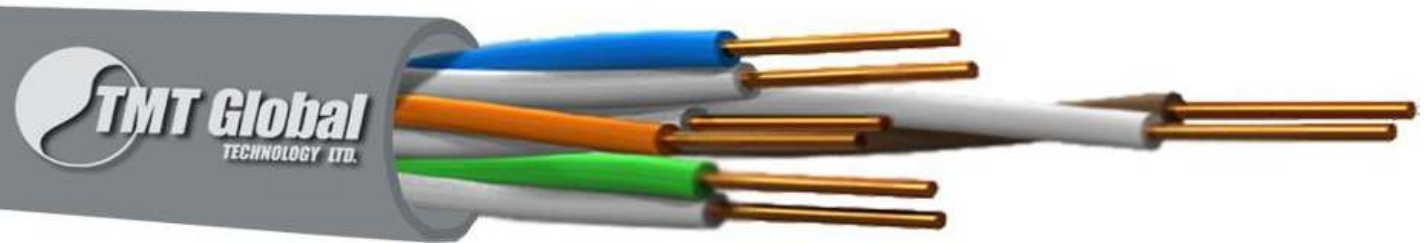
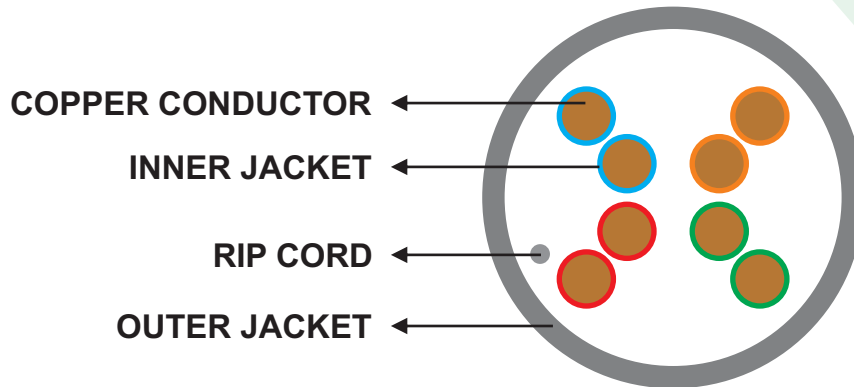


CAT5E U/UTP SERIES



CAT5E U/UTP SERIES



STRUCTURED CABLING CAT5E SERIES

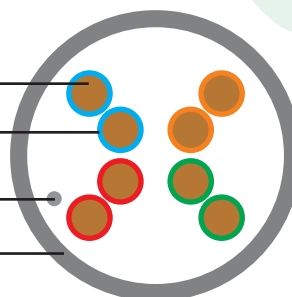


COPPER CONDUCTOR

INNER JACKET

RIP CORD

OUTER JACKET



CAT 5E U/UTP 24 AWG LAN Cable

Standards : CAT5e ANSI/TIA/568.2-D 100 MHz CENELEC EN 50288-3 CAT5e IEC 61156-5 (ISO/IEC-11801 Class D)

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	TMT copper
Conductor Size	24AWG
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	LSOH Halogen free flame retardant or PVC compound
Standard Jacket Color	Gray/Blue/Black
Standard Surface Marking	Includes TMT GLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force	50 N/mm ² 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

ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100—6 Ohm @ 1-100 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.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Coupling attenuation	40 dB min @ 30-100 MHz 40-20Log(f/100) @100-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.		
Voltage rating	72 Vdc max.		

Ordering Information

Model No	Product ID	Description
TMT-5001	5X142MPB	24AWG 4PAIR CAT5E U/UTP CABLE 305M



CAT5E F/UTP SERIES



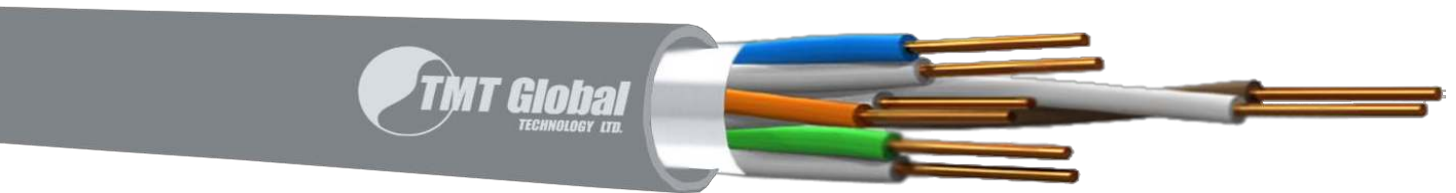
COPPER CONDUCTOR

INNER JACKET

RIP CORD

OUTER JACKET

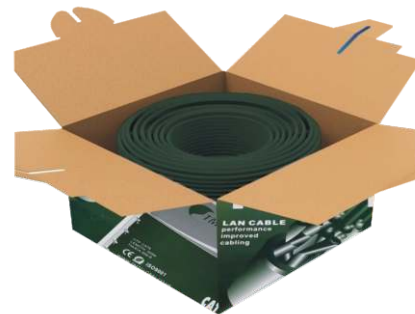
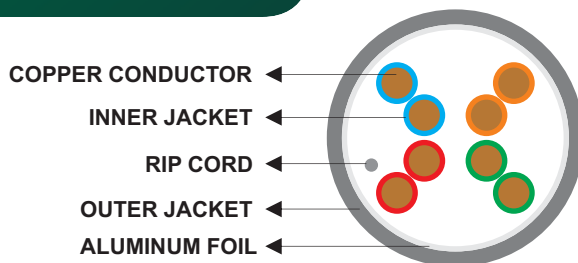
ALUMINUM FOIL



CAT5E F/UTP SERIES



STRUCTURED CABLING CAT5E SERIES



CAT 5E F/UTP 24 AWG LAN Cable

Standards : CAT5e ANSI/TIA/568.2-D 100 MHz CENELEC EN 50288-3 CAT5e IEC 61156-5 (ISO/IEC-11801 Class D)

PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	TMT copper
Conductor Size	24AWG
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 Screening	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Outer Jacket	LSOH Halogen free flame retardant or PVC compound
Standard Jacket Color	Gray/Blue/Black
Standard Surface Marking	Includes TMT GLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force	50 N/mm ² 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

ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100—6 Ohm @ 1-100 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.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Coupling attenuation	40 dB min @ 30-100 MHz 40-20Log(f/100) @100-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.		
Voltage rating	72 Vdc max.		

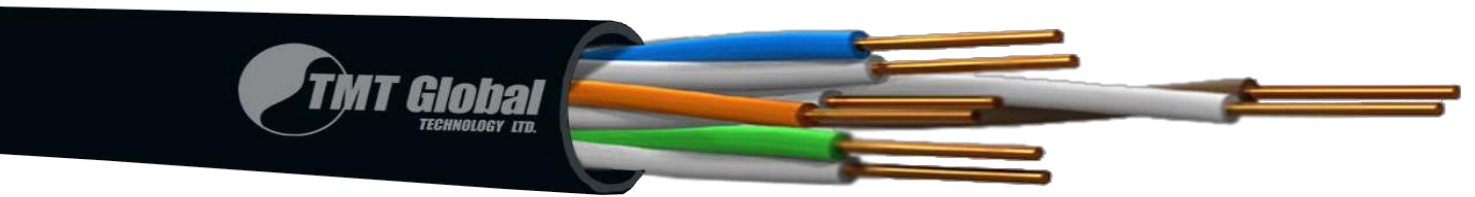
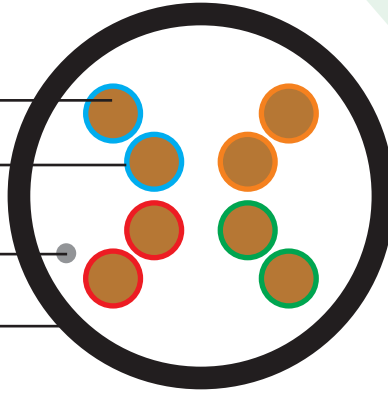
Ordering Information		
Model No	Product ID	Description
TMT-5002	5X242MPB	24AWG 4PAIR CAT5E F/UTP CABLE 305M



CAT5E U/UTP OUTDOOR SERIES



COPPER CONDUCTOR
INNER JACKET
RIP CORD
OUTER JACKET



CAT5E U/UTP SERIES



STRUCTURED CABLING CAT5E SERIES

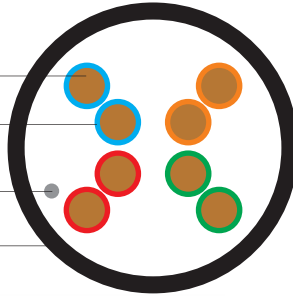


COPPER CONDUCTOR ←

INNER JACKET ←

RIP CORD ←

OUTER JACKET ←



CAT 5E U/UTP 24 AWG LAN Cable

Standards : CAT5e ANSI/TIA/568.2-D 100 MHz CENELEC EN 50288-3 CAT5e IEC 61156-5 (ISO/IEC-11801 Class D)

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	TMT copper
Conductor Size	24AWG
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 Screening	NILL
Outer Jacket	LSOH Halogen free flame retardant or PVC compound
Standard Jacket Color	Gray/Blue/Black
Standard Surface Marking	Includes TMT GLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force	50 N/mm ² 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

ELECTRICAL SPECIFICATIONS

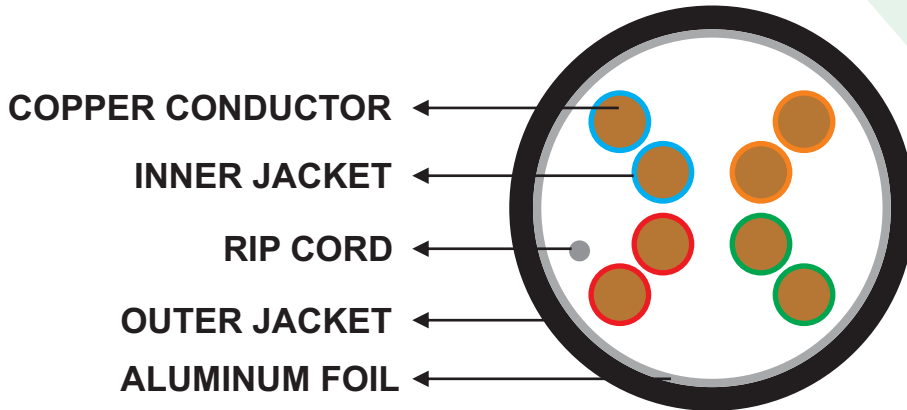
Characteristic Impedance	100—6 Ohm @ 1-100 MHz	Dielectric strength	1500 Volts/1 minute min rms
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Coupling attenuation	40 dB min @ 30-100 MHz 40-20Log(f/100) @100-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.		
Voltage rating	72 Vdc max.		

Ordering Information

Model No	Product ID	Description
TMT-5003	5X142MOK	24AWG 4PAIR CAT5E U/UTP CABLE 305M



CAT5E F/UTP OUTDOOR SERIES



CAT5E F/UTP SERIES

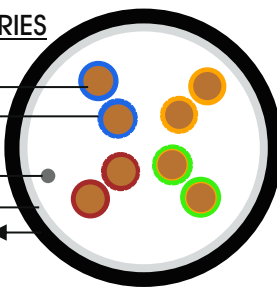


STRUCTURED CABLING CAT5E SERIES



CAT5E F/UTP OUT DOOR SERIES

COPPER CONDUCTOR
INNER JACKET
RIP CORD
ALUMINIUM FOIL
OUTER JACKET



CAT 5E F/UTP 24 AWG LAN Cable

Standards : CAT5e ANSI/TIA/568.2-D 100 MHz CENELEC EN 50288-3 CAT5e IEC 61156-5 (ISO/IEC-11801 Class D)

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	TMT copper
Conductor Size	24AWG
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 Shielding	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Outer Jacket	LS0H Halogen free flame retardant or PVC compound
Standard Jacket Color	Gray/Blue/Black
Standard Surface Marking	Includes TMT GLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force	50 N/mm ² 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

ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100—6 Ohm @ 1-100 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.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Coupling attenuation	40 dB min @ 30-100 MHz 40-20Log(f/100) @ 100-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.		
Voltage rating	72 Vdc max.		

Ordering Information

Model No	Product ID	Description
TMT5004	5X242MOK	24AWG 4PAIR CAT5E F/UTP CABLE 305M

