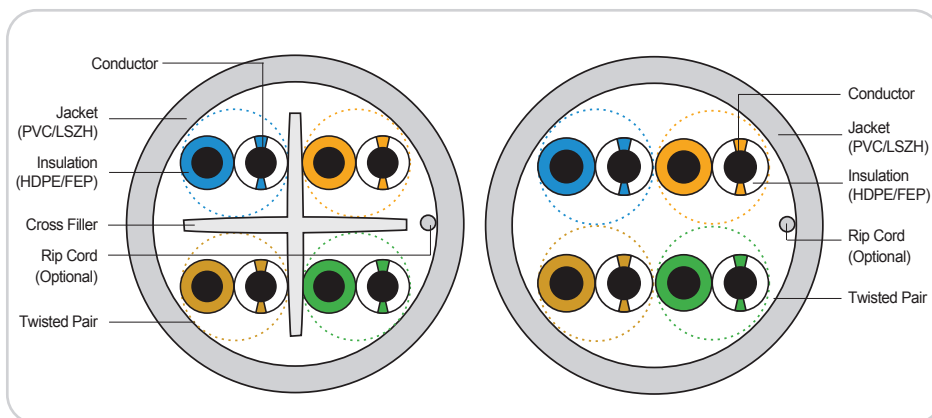


Category 6 U/UTP Cable 4 Pair



Description

- ETL, EC Verified, UL Listed
- Capable of handling full broadband and baseband video signals
- High flame retardant grade of the cable is protected propagation of fire (Plenum Cable)
- Addition of balance requirements improves cable performance
- Electrical performances comply with TIA/EIA-568B.2-1
- Specialized print legend contains footage marking from 1000 'to 0', metric from 305 to 0m and dual marking footage and metric
- Reel & Reel in a box is standard, so wire pulls through box opening for easy access
- RoHS Compliant

Application

- Horizontal Distribution & Backbone Cabling
- 4/16 Mbps Token Ring (IEEE 802.5)
- 10/100/1000 BASE-T (IEEE 802.3)
- 155 Mbps ATM
- 100Mbps TP-PMD
- ISDN, ADSL
- ATM LAN 1.2G

Part Numbers

Description	Category 6 UTP Cable, 4-Pair				
Flame Retardant Grade	CMX	CM	CMR	CMP	LSZH
Part Numbers (Cross Filler)	UTP-G-C6G-E1VN-X 0.5X004P/(1)	UTP-G-C6G-E1VN-M 0.5X004P/(1)	UTP-G-C6G-E1VN-R 0.5X004P/(1)	UTP-G-C6G-F1VN-P 0.5X004P/(1)	UTP-G-C6G-E1ZN-X 0.5X004P/(1)
Part Numbers (Non Filler)	UTP-G-C6G-E1VX-X 0.5X004P/(1)	UTP-G-C6G-E1VX-M 0.5X004P/(1)	UTP-G-C6G-E1VX-R 0.5X004P/(1)	UTP-G-C6G-F1VX-P 0.5X004P/(1)	UTP-G-C6G-E1ZX-X 0.5X004P/(1)

Denote : (1) WH: White, BL: Blue, GY: Gray, VI: Violet, OR: Orange, RD: Red, GN: Green, YL: Yellow, BK: Black

Technical Details

Item	Unit	PVC & LSZH / Plenum (Cross Filler)	PVC & LSZH / Plenum (Non Filler)
Conductor DC Resistance	Ohms/100 m	9.38	9.38
Resistance Unbalance	%	5	5
Mutual Capacitance	nF/100 m	5.6	5.6
Capacitance Unbalance	pF/100 m	330	330
Characteristic Impedance	Ohms	100 $\pm$ 15%	100 $\pm$ 15%
Propagation Delay	ns/100 m	536 @ 250MHz	536 @ 250 MHz
Delay Skew	ns	45	45
Nominal Velocity of Propagation	%	67 / 69	67 / 69
Operating Temperature	°C / °F	-20 ~ 60 / -4 ~ 140	-20 ~ 60 / -4 ~ 140
Storage Temperature	°C / °F	-20 ~ 80 / -4 ~ 176	-20 ~ 80 / -4 ~ 176
Bending Radius		4 x Cable Diameter	4 x Cable Diameter
Packaging Type	305 m (1000ft)	Reel / Reel in a box	Reel / Reel in a box
Packaging Weight	lb/kft (kg/km)	21 (32) / 27 (42)	19 (29) / 25 (38)
Conductor Diameter / Material		24 AWG, Solid Copper	24 AWG, Solid Copper
Insulation Diameter / Material	inch (mm)	0.037 (0.95) ϕ , HDPE / FEP	0.037 (0.95) ϕ , HDPE / FEP
Jacket Diameter / Material	inch (mm)	0.228 (5.8) / 0.220 (5.6) ϕ , PVC or LSZH	0.205 (5.2) / 0.200 (5.1) ϕ , PVC or LSZH
Safety Standard, Performance Standard	UL 444 / CMX - UL1581, IEC332-1 / CM - UL1685, IEC332-3 / CMR - UL1666 / CMP - UL910 / LSZH - IEC61034, IEC60754		
Approvals Performance	TIA/EIA-568-B.2-1 / ISO 11801 "Performance specifications for 4-Pairs 100 Ohm Category 6 / E Cabling"		