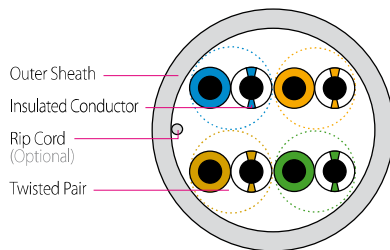
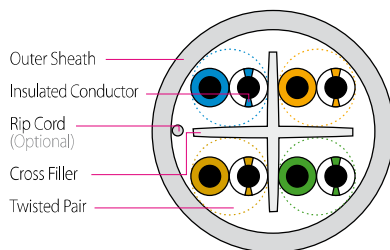


UTP-G-C6G-E1VN-M 0.5X004P/##



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 ANSI/TIA-568-C.2
- Specialized print legend contains footage marking from 1000 to 0, metric from 305 to 0 and dual marking footage and metric
- Reelex & Reel in a Box is standard, so wire pulls through box opening for easy access
- RoHS compliant
- Qualifies for the LS 25-Year Extended Product Warranty and Applications Assurance when included as part of a registered LS Category 6 Channel

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

Technical Details

Item	Unit	Non-Plenum	Plenum
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 ± 15%	100 ± 15%
Propagation Delay	ns/100 m	536 @ 250MHz	536 @ 250MHz
Delay Skew	ns	45	45
Nominal Velocity of Propagation	%	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	1000ft (305m)	Reelex / Reel In a Box/Reel	Reelex / Reel In a Box/Reel
Packaging Weight	lb/kft (kg/km)	24(36), Cross filler	26(39), Cross filler
Conductor Diameter / Material	-	23~24 AWG, Solid Copper	23~24 AWG, Solid Copper
Insulation Diameter / Material	Inch (mm)	0.037 (0.95), HDPE	0.037 (0.95), FEP
Jacket Diameter / Material	Inch (mm)	0.236 (6.0), PVC or LSZH – Cross filler 0.213(5.4), PVC or LSZH – Non-filler	0.228 (5.8), LS-PVC – Cross filler 0.209(5.3), LS-PVC – Non-filler
Safety Standard, Performance Standard	UL444 / CMX-UL1581, IEC332-1 / CM-UL1685, IEC332-3 / CMP-UL1666 / CMP-NFPA262 / LSZH-IEC61034, IEC60754		
Approvals Performance	ANSI/TIA-568-C.2, ISO/IEC 11801 "Performance specifications for 4pairs 100 Ohm Category 6 Cabling"		

Category 6 U/UTP Cable 4 Pair

Part Number (Cross-filler)

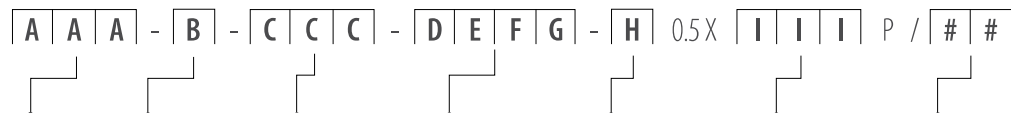
	Product Number	Description	Length	Package
PVC	UTP-G-C6G-E1VN-X 0.5X004P/WH	Category 6 U/UTP Cable 4-Pair, CMX rated, White color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-E1VN-X 0.5X004P/GY	Category 6 U/UTP Cable 4-Pair, CMX rated, Gray color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-E1VN-X 0.5X004P/BL	Category 6 U/UTP Cable 4-Pair, CMX rated, Blue color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-E1VN-M 0.5X004P/WH	Category 6 U/UTP Cable 4-Pair, CM rated, White color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-E1VN-M 0.5X004P/GY	Category 6 U/UTP Cable 4-Pair, CM rated, Gray color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-E1VN-M 0.5X004P/BL	Category 6 U/UTP Cable 4-Pair, CM rated, Blue color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-E1VN-R 0.5X004P/WH	Category 6 U/UTP Cable 4-Pair, CMR rated, White color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-E1VN-R 0.5X004P/GY	Category 6 U/UTP Cable 4-Pair, CMR rated, Gray color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-E1VN-R 0.5X004P/BL	Category 6 U/UTP Cable 4-Pair, CMR rated, Blue color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-F1VN-P 0.5X004P/WH	Category 6 U/UTP Cable 4-Pair, CMP rated, White color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-F1VN-P 0.5X004P/GY	Category 6 U/UTP Cable 4-Pair, CMP rated, Gray color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-F1VN-P 0.5X004P/BL	Category 6 U/UTP Cable 4-Pair, CMP rated, Blue color	1000 ft (305m)	Reel/Reel/Reel

	Product Number	Description	Length	Package
LSZH	UTP-G-C6G-E1ZN-X 0.5X004P/WH	Category 6 U/UTP Cable 4-Pair, CMX rated, White color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-E1ZN-X 0.5X004P/GY	Category 6 U/UTP Cable 4-Pair, CMX rated, Gray color	1000 ft (305m)	Reel/Reel/Reel
	UTP-G-C6G-E1ZN-X 0.5X004P/BL	Category 6 U/UTP Cable 4-Pair, CMX rated, Blue color	1000 ft (305m)	Reel/Reel/Reel

* Available Colors : WH: White, BL: Blue, GY: Gray, VI: Violet, OR: Orange, RD: Red, GN: Green, YL: Yellow, BK: Black

* Please contact your LS representative for the available color

Copper Cable Product Identifier



A : Cable Type	B : Cable Performance	C : Cable Category	D~G : Material & Cable Construction	H : Flame Retardant Grade	I : Number of Pairs	# : Jacket Color
<ul style="list-style-type: none"> • UTP – U/UTP • FTP – F/UTP • SFP – SF/UTP • SSP – S/FTP 	<ul style="list-style-type: none"> • A – Augmented • E – Enhanced • G – General 	<ul style="list-style-type: none"> • C3G – CAT3 • C5G – CAT5 • C6G – CAT6 • C7G – CAT7 	<ul style="list-style-type: none"> • D : Insulation material (PE), F(FEP) • E : Number of jacket • F : Jacket material (PVC), Z(LSZH) • G : Others 	<ul style="list-style-type: none"> • X : CMX • M : CM • R : CMR (Riser) • P : CMP (Plenum) 	<ul style="list-style-type: none"> • 004P – 4 pair • 025P – 25 pair 	<ul style="list-style-type: none"> • GY : Gray • WH : White • BL : Blue • VI : Violet • OR : Orange • RD : Red • GN : Green • YL : Yellow • BK : Black