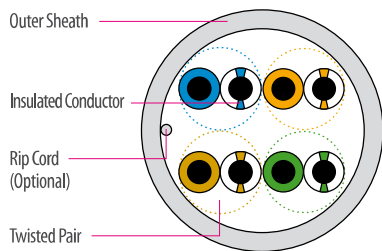


UTP-E-CSG-E1VL-M 0.5X004P/##



Category 5e U/UTP Cable 4 Pair

Description

- Cable diameter : 4.5 mm
- Supports Fast Ethernet, Gigabit Ethernet, 155 Mb/s, Multimedia
- All accepted design for global commercial network installation
- Simplified structured cabling solution preserving long-term network investment
- 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
- RoHS compliant
- Qualifies for the LS 25-Year Extended Product Warranty and Applications Assurance when included as part of a registered LS Category 5e 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

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	538 @ 100MHz	538 @ 100MHz
Delay Skew	ns	45	45
Nominal Velocity of Propagation	%	67	68
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)	Reelx / RIB	Reelx / RIB
Packaging Weight	lb/kft (kg/km)	17 (25)	20 (30)
Conductor Diameter / Material	-	25AWG, Solid Copper	25AWG, Solid Copper
Insulation Diameter / Material	inch (mm)	0.035(0.90) Φ, HDPE	0.034(0.86) Φ, FEP
Jacket Diameter / Material	inch (mm)	0.177(4.5) Φ, PVC or LSZH(Low Smoke Zero Halogen)	0.185(4.7) Φ, LS-PVC(Plenum)
Safety Standard, Performance Standard	UL444 / CMX-UL1581, IEC332-1 / CM-UL1685, IEC332-3 / CMR-UL1666 / CMP-NFPA-262 / LSZH-IEC60754, IEC61034		
Approvals Performance	ANSI/TIA-568-C.2, ISO/IEC 11801 "Performance specifications for 4Pairs 100 Ohm Category 5E / Class D Cabling"		

Category 5e U/UTP Cable 4 Pair

Part Number

	Product Number	Description	Length	Package
PVC	UTP-E-C5G-E1VL-X 0.5X004P/WH	Category 5E U/UTP 4-Pair Cable, CMX rated, White color	1000 ft (305m)	Reelx/RIB
	UTP-E-C5G-E1VL-X 0.5X004P/GY	Category 5E U/UTP 4-Pair Cable, CMX rated, Gray color	1000 ft (305m)	Reelx/RIB
	UTP-E-C5G-E1VL-X 0.5X004P/BL	Category 5E U/UTP 4-Pair Cable, CMX rated, Blue color	1000 ft (305m)	Reelx/RIB
	UTP-E-C5G-E1VL-M 0.5X004P/WH	Category 5E U/UTP 4-Pair Cable, CM rated, White color	1000 ft (305m)	Reelx/RIB
	UTP-E-C5G-E1VL-M 0.5X004P/GY	Category 5E U/UTP 4-Pair Cable, CM rated, Gray color	1000 ft (305m)	Reelx/RIB
	UTP-E-C5G-E1VL-M 0.5X004P/BL	Category 5E U/UTP 4-Pair Cable, CM rated, Blue color	1000 ft (305m)	Reelx/RIB

	Product Number	Description	Length	Package
LSZH	UTP-E-C5G-E1ZL-X 0.5X004P/WH	Category 5E U/UTP 4-Pair Cable, CMX rated, White color	1000 ft (305m)	Reelx/RIB
	UTP-E-C5G-E1ZL-X 0.5X004P/GY	Category 5E U/UTP 4-Pair Cable, CMX rated, Gray color	1000 ft (305m)	Reelx/RIB
	UTP-E-C5G-E1ZL-X 0.5X004P/BL	Category 5E U/UTP 4-Pair Cable, CMX rated, Blue color	1000 ft (305m)	Reelx/RIB

* 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 E(PE), F(FEP) • E : Number of jacket • F : Jacket material V(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