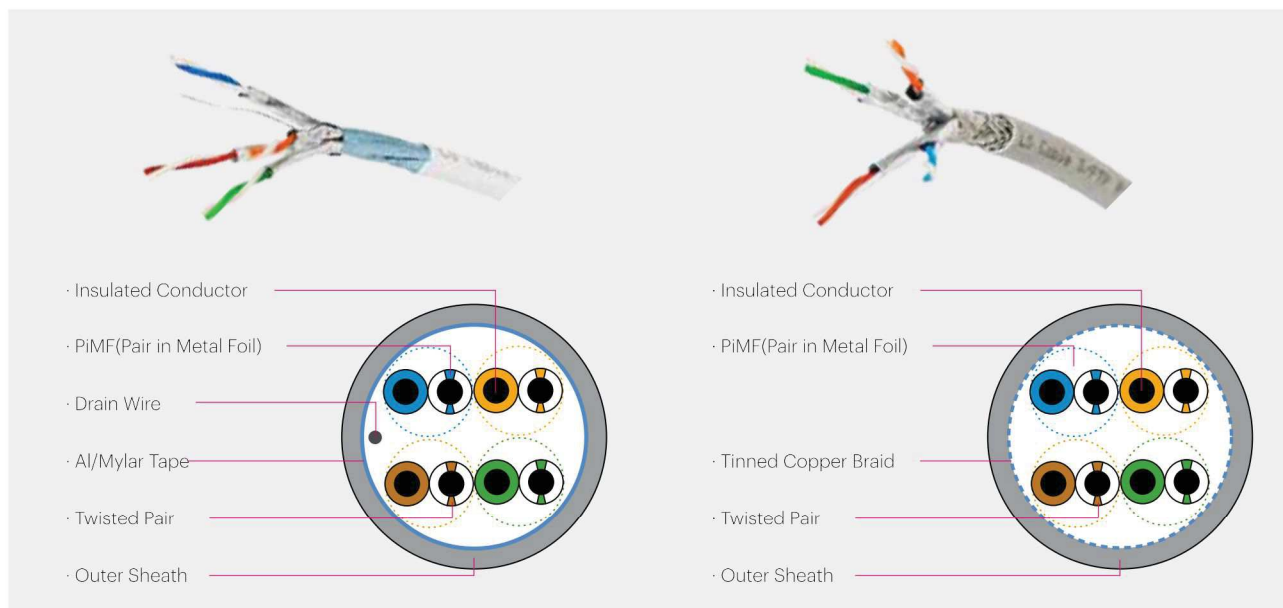


Category 6A F/FTP & S/FTP Cable



Descriptions

- 4 pair twisted cable
- Cable diameter : 0.303in. (7.7mm)
- Transmits full broadband and baseband video signals
- Electrical performance according to IEC 61156-5
- RoHS compliant
- Applicable for LS 25-Year Extended Product Warranty

Applications

- Horizontal Distribution & Backbone Cabling
- 4/16 Mbps Token Ring(IEEE 802.5)
- 10/100/1000/10G BASE-T(IEEE 802.3)
- 155 Mbps ATM
- 100Mbps TP-PMD
- ISDN, ADSL
- ATM LAN 1.2G
- PoE++ (IEEE 802.3bt draft. Type 3(60W) or Type 4(100W))

Technical Details

Item	Unit	PVC / LSZH
DC Resistance	Ohms/100 m	Max. 9.5
Resistance Unbalance	%	≤2
Capacitance Unbalance(Pair to Grd.)	pF/km(800~1000Hz)	≤1600
Characteristic Impedance	Ohms	100±5% (at 100MHz)
Propagation Delay	ns/100 m	536 @ 500MHz
Delay Skew	ns	≤25
Nominal Velocity of Propagation	%	67
Installation Temperature	°C / °F	0~60 / 32~140
Operating Temperature	°C / °F	-20 ~ 60 / -4 ~ 140
Storage Temperature	°C / °F	-20 ~ 80 / -4 ~ 176
Bending Radius	-	5 x Cable Diameter
Packaging Type	1000ft (305m)	Reel
Packaging Weight	lb/kft (kg/km)	43(65)
Conductor Diameter / Material	-	23 AWG, Solid Copper
Insulation Diameter / Material	Inch (mm)	0.053(1.35), Foamed PE
Outer Diameter / Material	Inch (mm)	0.303(7.7)Φ, PVC or LSZH(Low Smoke Zero Halogen)
Safety Standard, Performance Standard	CMX-UL1581, IEC 60332-1 / CM-UL1685, IEC 60332-3 / LSZH-IEC 61034, IEC 60754	
Approvals Performance	IEC 61156-5, ISO/IEC 11801"Performance specifications for 100 ohm Category 6A Cabling"	