Cat6a Trunk Cables

Perfect for Backbone and Cross-connect Cabling Systems



Overview

Cat6a S/FTP trunk cables provide a fast and simple way of installing backbone and cross-connect cabling. Ideal for data centers and other areas where quick installation and consistent network connection. With fast transmission and excellent signal quality, it ensures peak performance through your LAN. Six certified and channel-tested Cat6a cables are bundled together, which cuts down on cable clutter in your cabinet and keeps a better airflow.

Application

- Easy connection in switches and patch panels.
- Rated for any 10GBase-T Ethernet.
- Used for copper backbone and cross-connect cabling.

Key Features

- Stranded Oxygen-free Copper conductor
- Rated for 500MHz communications
- Designed for 10GBase-T Ethernet
- Shielded male RJ45 connectors on each end
- Pass the Fluke Channel Test
- RoHS, WEEE, ISO9001 compliancy status
- Saves time, space and labor costs
- Each trunk assembly receives an individual identification number

Specifications

Product Type	
Category	C6ASFTP
Reference Standard	ISO/IEC 11801, ANSI/TIA-568-C.2
Termination End	Plug to Plug, Jack to Jack, Plug to Jack
Cable Count	6, 8
Conductor	
Conductor Material	Stranded Oxygen-free Copper
Wire Gauge (AWG)	23/26
Conductor Qty.	4 Twisted Pairs
Insulation	
Insulation Material	Skin-foam-skin PE
Insulation Diameter (mm)	1.0 ± 0.05
Core Color	A. White/Blue, B. White/Orange, C. White/Green, D. White/Brown
Shield	
Shielding Type	Shielded (S/FTP)
Inner Screening Material	AL/Mylar
Outer Screening Material	Tinned Copper 0.10mm
Outer Screening Material Coverage	≥40%
Sheath	
Material	PVC (Complies RoHS), CMR, LSZH

Specifications

Outer O.D. (mm)	6.1 ± 0.3
Thickness (mm)	0.55 ± 0.05
Breakout Length (m)	0.3
Color	Blue, Black, Green, White, Yellow, Red, Gray, Orange, Purple, Pink, Off-White
Electrical Characteristics (20 ℃)	
Data Rate Support	10GBase-T
Standard Bandwidth (MHz)	500
1-250MHz Impedance (Ω)	100 ± 15
250-500MHz Impedance (Ω)	100 ± 22
1-500MHz Delay Skew (ns/100m)	≤45
Max. Unbalanced-to-ground capacitance (pf/100m)	330
Max. DC Resistance (Ω/100m)	14.8
Max. DC Conductor Resistance Unbalance (%)	5.0
Mechanical Characteristic	
Before Aging Tensile Strength (Mpa)	≥13.5
Before Aging Elongation (%)	≥150
Aging Period (℃×hrs)	100℃×24h×7d
After Aging Tensile Strength (Mpa)	≥12.5
After Aging Elongation (%)	≥125
Cold Bend (-20±2℃×4h)	No Visible Cracks

Specifications

Surface Printing	
Letter Height (mm)	3.0 ± 0.3
Color	Black

Others	
Rip Cord	Yes