Cat5e Trunk Cables

Perfect for Backbone and Cross-connect Cabling Systems

Overview

Cat5e UTP trunk cables provide a fast and simple way of installing backbone and cross-connect cabling. Ideal for data center or SMB 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 Cat5e 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 1000Base-T Ethernet.
- Used for copper backbone and cross-connect cabling.

Key Features

- CMR-rated PVC jacket
- Stranded Oxygen-free Copper conductor
- Rated for 100MHz communications
- Designed for 1000Base-T Ethernet
- Unshielded 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	C5EUTP6
Reference Standard	ISO/IEC 11801, ANSI/TIA-568-C.2
Shielding Type	Unshielded (UTP)
Termination End	Plug to Plug, Jack to Jack, Plug to Jack
Cable Count	6

Conductor	
Conductor Material	Stranded Oxygen-free Copper
Wire Gauge (AWG)	24 (7/0.20mm)
Conductor Qty.	4 Twisted Pairs

Insulation	
Insulation Material	HDPE
Insulation Diameter (mm)	0.97 ± 0.05
Core Color	A. Orange, White-Orange, B. Blue, White-Blue, C. Green, White-Green, D. Brown, White-Brown

Sheath	
Material	PVC (Complies RoHS), CMR
Outer O.D. (mm)	5.5 ± 0.4
Thickness (mm)	0.55 ± 0.05
Breakout Length (m)	0.3
Color	Blue, Black, Green, White, Yellow, Red, Gray, Orange, Purple, Pink

Specifications

Electrical Characteristics (20℃)	
Data Rate Support	1000Base-T
Standard Bandwidth (MHz)	100
Reference Bandwidth (MHz)	350
1-100MHz, Characteristic Impedance (Ω)	100 ± 15
1-100MHz, Delay Skew (ns/100m)	≤45
DC Resistance 20℃ (Ω/100m) max	9.5

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

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

Others	
Rip Cord	Yes