

Cat6 Trunk Cables

Perfect for Backbone and Cross-connect Cabling Systems



Overview

Cat6 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 Cat6 cables are bundled together, which cuts down on cable clutter in your cabinet and keep a better airflow.

Application

- Easy connection in switches and patch panels.
- Rated for any 1/10G Base-T Ethernet.
- Used for copper backbone and cross-connect cabling.

Key Features

- CMR-rated PVC jacket
- Stranded Oxygen-free Copper conductor
- Rated for 250MHz communications
- Designed for 1/10GBase-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	C6UTP	
Reference Standard	ISO/IEC 11801, ANSI/TIA-568-C.2	
Shielding Type	Unshielded (UTP)	
Termination End	Plug to Plug, Jack to Jack	
Cable Count	6, 12, 24	
Conductor		
Conductor Material	Stranded Oxygen-free Copper	
Wire Gauge (AWG)	23/26	
Conductor Qty.	4 Twisted Pairs	
Insulation		
Insulation Material	HDPE	
Insulation Diameter (mm)	26AWG:0.81 ± 0.05	23AWG:1.02 ± 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)	26 AWG:5.4 ± 0.5	23 AWG:6.2 ± 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 °C)		
Data Rate Support	1/10GBase-T	
Standard Bandwidth (MHz)	250	
Reference Bandwidth (MHz)	550	
1-100MHz, Characteristic Impedance (Ω)	100 ± 15	
1-100MHz, Delay Skew (ns/100m)	≤45	
Max. DC Resistance 20°C (Ω/100m)	26 AWG 14.8	23 AWG 9.38
Max. DC Conductor Resistance Unbalance (%)	5.0	
Mechanical Characteristic		
Before Aging Tensile Strength (Mpa)	≥13.5	
Before Aging Elongation (%)	≥150	
Aging Period (°C×hrs)	100°C×24h×7d	
After Aging Tensile Strength (Mpa)	≥12.5	
After Aging Elongation (%)	≥125	
Cold Bend (-20±2°C×4h)	No Visible Cracks	
Surface Printing		
Letter Height (mm)	3.0 ± 0.3	
Color	Black	
Others		
Rip Cord	Yes	
Drain Wire	No	