

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

- 6 plug to 6 plug trunk cables
- Blue 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
- 100% pass the Fluke Channel Test
- RoHS & ISO9001 compliancy status
- Saves time, space and labor costs
- Each trunk assembly receives an individual identification number

Specifications

Product Type

Category	CAT6-UTP-6PP-BE
Reference Standard	ISO/IEC 11801, ANSI/TIA-568-C.2
Shielding Type	Unshielded (UTP)
Termination End	Plug to Plug
Cable Count	6

Conductor

Conductor Material	Stranded Oxygen-free Copper
Wire Gauge (AWG)	26 (7/0.16mm)
Conductor Qty.	4 Twisted Pairs

Insulation

Insulation Material	HDPE
Insulation Diameter (mm)	0.81 ± 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)	5.4 ± 0.5
Thickness (mm)	0.55 ± 0.05
Breakout Length (m)	0.3
Color	Blue

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 ($\Omega/100m$)	14.8
Max. DC Conductor Resistance Unbalance (%)	5.0

Mechanical Characteristic

Before Aging Tensile Strength (Mpa)	≥ 13.5
Before Aging Elongation (%)	≥ 150
Aging Period ($^{\circ}\text{C} \times \text{hrs}$)	$100^{\circ}\text{C} \times 24\text{h} \times 7\text{d}$
After Aging Tensile Strength (Mpa)	≥ 12.5
After Aging Elongation (%)	≥ 125
Cold bend ($-20 \pm 2^{\circ}\text{C} \times 4\text{h}$)	No Visible Cracks

Surface Printing

Letter Height (mm)	3.0 ± 0.3
Color	Black

Others

Rip-cord	Yes
Drain Wire	No

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Surface Printing

Letter Height (mm)

3.0 ± 0.3

Color

Black

Others

Rip-cord

Yes



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