

Cat7 SFTP Patch Cables

Ideal for 10GBase-T Copper Cabling Solution



Overview

Cat7 network patch cable is the cost-effective solution for data center and SMB applications. Design for computers, hubs, switches, routers, DSL/cable modems and patch panels in Gigabit datacenter applications. With fast transmission and excellent signal quality, it ensures peak performance through your LAN.

Application

- Rated for any 10GBase-T Ethernet.
- Perfect for data center and SMB applications.
- Ideal for switches, servers, patch panels, or other equipment.

Key Features

- Protected by PVC CM jacket
- Stranded Oxygen-free Copper
- Rated for 600MHz communications
- Designed for 10GBase-T Ethernet
- Pass the Fluke Channel Test
- RoHS, CE compliancy status
- 26AWG 4-pair precision twisted cable
- Molded strain relief with snagless design
- RJ45 plugs with 50-micron gold-plated connectors
- A variety of lengths for all Cat7 SFTP cables

Specification

Product Type

Shielding Type	Shielded (S/FTP)
Termination End	RJ45 Plug
Reference Standard	ISO/IEC 11801

Conductor

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

Insulation

Insulation Material	FOAM PE
Insulation Diameter (mm)	1.01 ± 0.05
Core Color	A. White-Blue, B. White-Orange, C. White-Green, D. White-Brown

Shield

Individual Shield & Material	AL-Foil
Primary Overall Shield & Material	No
Secondary Overall Shield & Material	CCAM Braid
Shield Coverage	≥40%

Specification

Sheath

Material PVC (Complies RoHS), CM

Thickness (mm) 0.6

Outer O.D. (mm) 6.2 ± 0.3

Color Blue

Electrical Characteristics (20 °C)

Data Rate Support 10GBase-T

Standard Bandwidth (MHz) 600

Max. DC Conductor Resistance Unbalance (%) 5.0

1-600MHz, Delay Skew (ns/100m) ≤ 45

Max. Conductor Resistance 20°C (Ω /1km) 145

Mechanical Characteristics

Outer Jacket Tensile Strength (Mpa) ≥ 13.5

Outer Jacket Elongation (%) ≥ 150

Aging Period (°C×hrs) 100°C×24h×7d

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

Min. Bend Radius (cm) 4.34 ± 0.2

Specification

Surface Printing

Letter Height (mm)

3.0 ± 0.3

Color

Black

Others

Rip Cord

No

Drain Wire

No



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