

Cat6a 28AWG CM/LSZH Slim Patch Cables

Smaller Diameter, More Space



Overview

Cat6a slim patch cable is the perfect solution for high density data center and SMB applications. Smaller patch lead size helps alleviate congestion as well as improving airflow with in the racks. Snagless boot prevents unwanted cable snags during installation and provides extra strain relief. With fast transmission and excellent signal quality, it ensures peak performance through your LAN.

Application

- Widely used in data centers, smart buildings, enterprise networks, financial institutions, schools, government administrative agencies, etc.
- It is used for the connection between devices and the connection between devices and distribution frames, as the transmission of voice, data, image, multimedia, etc.

Benefits

- Protected by CM-rated LSZH jacket
- Stranded Oxygen-free Copper
- RJ45 Plugs with 50 Microinches Gold-plated Connectors
- 28AWG Cables Save Space up to 25% than Common Ones
- Snagless Design Protects Clips When Plugging and Unplugging
- Multiple Lengths Helps Simplify Complicated Cable Runs
- 4 Twisted Pairs Reduce Crosstalk, Noise and Interference
- Tested with a Fluke DSX-8000 Versiv CableAnalyzer
- RoHS, WEEE, ISO14001, ISO9001 Certified

FEATURES

Product Type	
Shielding Type	Unshielded (U/UTP)
Termination End	RJ45 Plug
Reference Standard	ISO/IEC11801, ANSI/TIA-568.2-D
Conductor	
Conductor Type	Stranded
Conductor Material	Oxygen-free Copper
Wire Gauge (AWG)	28 (7/0.127mm)
Conductor Qty.	4 Twisted Pairs
Insulation	
Insulation Material	HDPE
Insulation Diameter (mm)	0.62 ± 0.08mm
Core Color	A.Blue, White/Blue B.Orange, White/Orange C.Green, White/Green D.Brown, White/Brown
Sheath	
Material	CM/LSZH
Outer O.D. (mm)	4.3 ± 0.3
Thickness (mm)	0.65 ± 0.1
Surface	Clean, Frap, Satiation

FEATURES

Electrical Characteristics (20°C)

Data Rate Support	10GBase-T
Reference Bandwidth (MHz)	500
1-500MHz, Delay Skew (ns/100m)	≤45
Max. DC Resistance 20°C (Ω/100m)	23.6
Max. DC Conductor Resistance Unbalance (%)	5

Sheath Physical Properties

Before Aging Tensile Strength (Mpa)	≥9.0
Before Aging Elongation (%)	≥100
Aging Period (°C×hrs)	100°C×24h×7d
After Aging Tensile Strength (Mpa)	≥8.0
After Aging Elongation (%)	≥70
Cold Bend (-20±2°C×4h)	No Visible Cracks
Min. Bend Radius (cm)	During installation is 8 times OD After installation is 4 times OD

Surface Printing

Letter Height (mm)	3.0 ± 0.3
Color	Black
Print error & Space	≤±0.5%, 1m

FEATURES

Others	
Rip Cord	No
Drain Wire	No