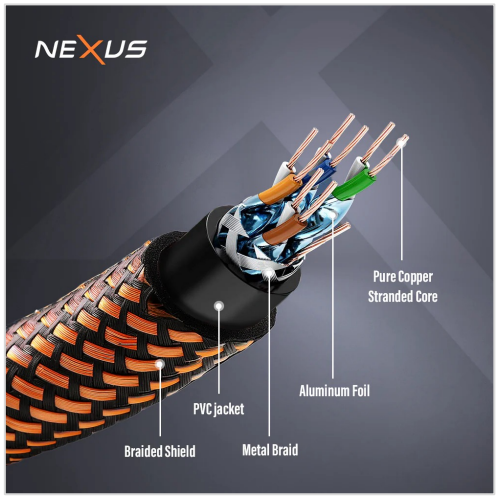
NEXUS
Structure Trading Co.

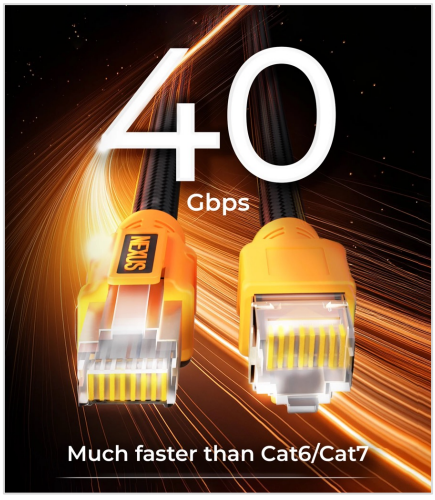
CAT8/SFTP Patch Cord

CAT8 SFTP Cable Patch Cord

- Fully Bare Copper
- 40Gbps Speed
- Gold Plate connector
- Comply with all Category 8 cable standards
- Fully Braided sheath
- Support Class E applications
- Central cross member for geometry and performance
- **FLUKE TIA/EIA 568.B** Tested up to 2000MHz



Available Sizes:
25cm / 50cm / 1m / 2m / 3m / 5m / 10m / 20m



Experience the highest standard of networking with our CAT8 Braided Patch Cable, engineered for 25/40 Gbps Ethernet and 2000 MHz bandwidth. Designed with a nylon-braided outer jacket, this cable doesn't just perform — it looks and feels elite.

The braided nylon layer adds superior resistance to wear, cuts, tangling, and kinks, while maintaining excellent flexibility and bend radius. Inside, you'll find S/FTP shielding, bare copper conductors, and gold-plated RJ45 connectors, ensuring flawless data transmission in the most demanding environments.

Standards & Compliance

ISO9001 - ISO/ IEC 11801 - ANSI/TIA-568-B2

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Technical Specifications

Features	Details
Cable Category	CAT8 (Category 8)
Cable Type	S/FTP (Shielded Foiled Twisted Pair)
Conductor Material	100% Bare Copper, stranded
Conductor Size	26 AWG
Bandwidth	Up to 2000 MHz
Data Transmission Rate	Up to 25 Gbps / 40 Gbps
Shielding	Individual foil for each pair + braided overall shield
Outer Jacket Material	Braided Nylon over PVC or LSZH core
Jacket Diameter	Approx. 6.5mm – 7.0mm
Connector Type	RJ45 (8P8C), 24K gold-plated contacts
Boot Type	Molded snagless, flexible strain relief
Cable Length Options	0.5m, 1m, 2m, 3m, 5m, 10m – or custom
Compatibility	Backward compatible with CAT6A, CAT6, CAT5e, CAT5
Bend Radius	Small and flexible, ideal for tight setups
Temperature Range	-20°C to +60°C
Fire Safety Rating	Flame-retardant, LSZH versions available
Compliance Standards	ANSI/TIA-568-C.2-1, ISO/IEC 11801 Class I, RoHS, CE

Electrical Characteristics

Property	Unit	Typical / Max Value
Conductor Resistance (DC)	Ω/100 m	Max. 9.38
Resistance Unbalance (within pair)	%	Max. 5
Mutual Capacitance (at 1 kHz)	nF/100 m.	5.6
Capacitance Unbalance (pair to ground)	pF/100 m	Max. 3160