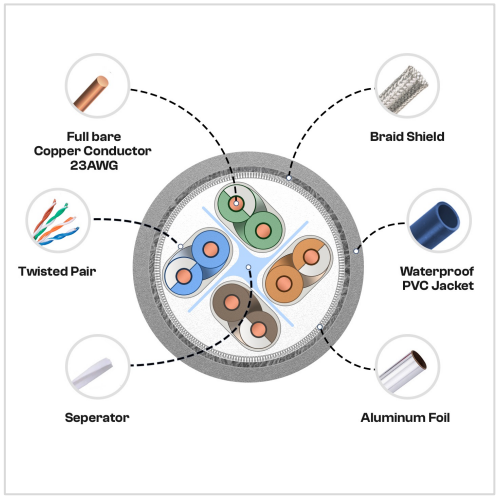
NEXUS
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NETWORK CAT6 SF/UTP

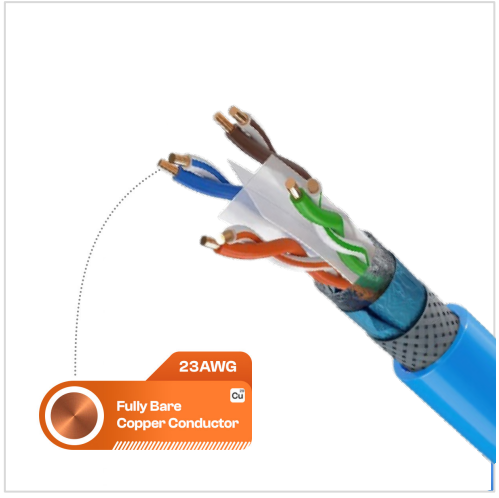
CAT6 SF/UTP Ethernet Cable Roll

- Fully Bare Copper 99.9% 23AWG
- Braid + Foil Shielded
- Noise Cancellation & ZERO EM Interference
- 6 Pcs RJ45 Socket Included
- Comply with all Category 6 cable standards
- Support Class E applications
- Central cross member for geometry and performance
- **FLUKE TIA/EIA 568.B** Tested up to 350MHz
- 24 Month Warranty

Available in 305m Self Roll-Up box







Built for Demanding Networks. Engineered for Stability.

Experience superior data transmission with our CAT6 **SF/UTP** Ethernet Cable, designed to perform in environments where electromagnetic interference (EMI) and crosstalk can compromise signal quality. Featuring an overall aluminium foil screen and an overall braided shield around all four twisted pairs, this cable ensures maximum protection, stable signal integrity, and flawless gigabit performance.

Perfect for data centers, industrial areas, security systems, and professional networking, this cable is your go-to solution when performance and shielding matter most.

Standards & Compliance

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

www.nexustrd.com **info@nexustrd.com** **TEL: +971 4 570 7501**

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NETWORK CAT6 SF/UTP

Technical Specifications

Features	Details
Cable Category	CAT6 (Category 6)
Cable Type	SF/UTP (Braid + Foil Overall Shield, Unshielded Pairs)
Conductor Material	100% Solid Bare Copper
Conductor Size	23 AWG
Twisted Pairs	4 pairs (8 wires), unshielded – overall foil + braid screen
Bandwidth	Up to 250 MHz
Data Transmission Rate	Up to 1 Gbps (Gigabit Ethernet)
Jacket Material	PVC or LSZH (Low Smoke Zero Halogen), available in blue/grey
Jacket Diameter	Approx. 6.2mm – 6.5mm
Insulation Material	High-density polyethylene (HDPE)
Rip Cord	Yes (for easy jacket stripping)
Length	305 meters (1,000 feet)
Packaging	Self Roll-Up Dispenser Box (tangle-free, portable)
Temperature Range	-20°C to +70°C
Fire Safety Rating	Flame-retardant PVC
Compliance Standards	ANSI/TIA-568-C.2, ISO/IEC 11801, RoHS, CE
Compatibility	Backward compatible with CAT5e and CAT5

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. 160
Dielectric Strength	V DC (2 sec)	1200 V