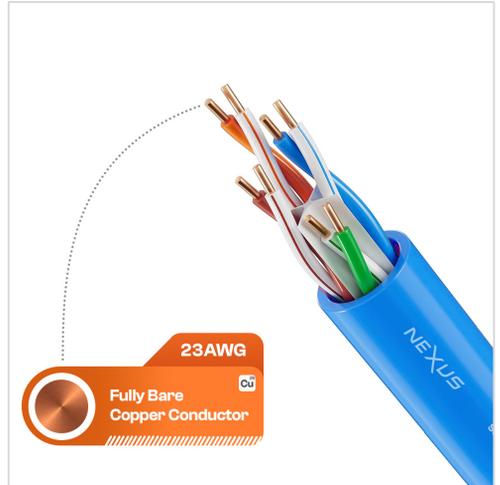
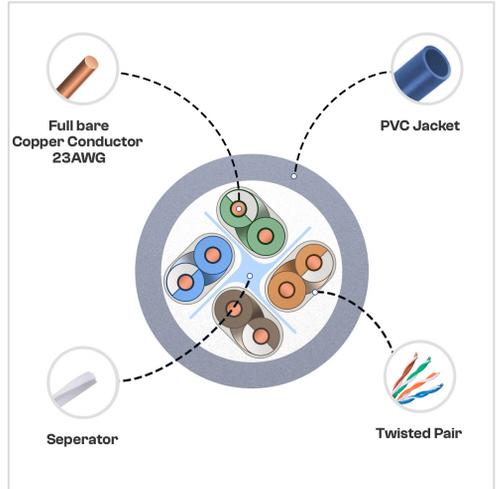


CATEGORY 6 UTP Ethernet Cable Roll

- Fully Bare Copper 23AWG
- Supported Speed **1Gbps** and **250Mhz**
- Comply with all Category 6 cable standards
- **6 Pcs** RJ45 socket Included
- 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 and 150m Ring-Pack



Meet your networking demands with our CAT6 UTP Ethernet Cable – 305 Meter Roll, neatly packaged in a self roll-up dispenser box for smooth, hassle-free installation. Designed to deliver Gigabit speeds with minimal crosstalk, this cable is ideal for structured cabling in homes, offices, commercial buildings, and data networks.

Crafted with 100% bare copper conductors and precision-twisted pairs, this CAT6 cable ensures superior signal integrity, consistent performance, and long-term durability—all in a tangle-free, easy-pull box that saves time on-site.

Standards & Compliance



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

Technical Specifications

Features	Details
Cable Category	CAT6 (Category 6)
Cable Type	UTP (Unshielded Twisted Pair)
Conductor Material	100% Solid Bare Copper
Conductor Size	23 AWG
Twisted Pairs	4 pairs (8 wires)
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) – 150 meter (500 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	Max. 5.6
Capacitance Unbalance (pair to ground)	pF/100 m	Max. 330
Dielectric Strength	KV DC	2.5 (for 2 sec)