WAVE2WAVE.io
Cabling, Power, Connectivity - Simplified

w-Intense™

CAT6 Cooper Patch Cord

Overview

The **w-Intense™ CAT6 Patch Cord** delivers **high-performance copper connectivity** for Gigabit Ethernet and enterprise networks. Built with **24 AWG stranded UTP cable** and precision-engineered **RJ45 modular plugs**, it ensures reliable transmission, minimal crosstalk, and consistent signal integrity.

Each conductor pair is **twisted and separated by an internal quadrant divider** to maintain performance across extended frequencies and demanding environments. Fully compatible with both **T568A and T568B wiring schemes**, every cable is **individually tested and serialized**, guaranteeing quality and traceability from end to end.

Packaged to minimize cable memory and optimized for fast installation, the w-Intense™ CAT6 Patch Cord offers a **premium combination of performance, durability, and value** for structured cabling systems.





Serialized Labels Included



Premium Snagless Connector

Features & Benefits

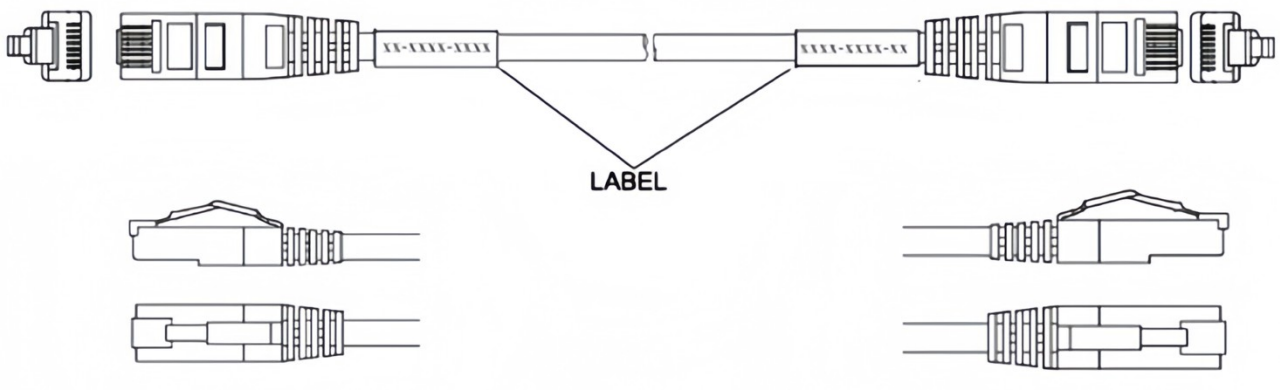
- 100% continuity and wire map tested for verified performance
- Serialized labeling at both ends with length and part number
- Snagless connectors for easy release in dense environments
- Integrated strain relief boot for secure, flexible connections
- Constructed with 4-pair 24AWG stranded CAT6 UTP copper cable
- RJ45 connectors with 50µm gold-plated contacts for reliable signal transfer
- Packaged to reduce form memory for easier routing
- Custom barcoding and bundle configurations available
- Supports T568A and T568B wiring standards

Applications

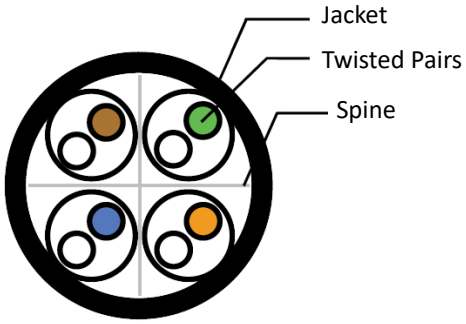
- Gigabit Ethernet 1000BASE-T
- Fast Ethernet 100BASE-T
- Ethernet 10BASE-T
- Voice over IP (VoIP)
- ATM 155 Mb/s, 622 Mb/s, 1.2 Gb/s
- Token Ring 4/16

CAT6 Cooper Patch Cord

Cable Diagram



Cable Cross-Section



Technical Information

Conductor: Bare Copper 24AWG

Jacket: PVC (CMR)

Outer Diameter: 6.0+/- 0.6mm

Operating temperature: -20°C to 60°C

Storage temperature: -20°C to 70°C

Plug housing: UL94V-0 rated clear Polycarbonate

Contacts: Gold plated phosphor bronze

Standards Compliance

- ANSI/TIA-568-C.2
- ANSI/TIA-968-A
- © UL
- RoHS

RoHS

Product Selection

Part Number: 71-10A0-BCDE

A (Cable Type)	BC (Jacket Color)	DE (Feet/Meter)
6 (CAT6) 5 (CAT5e)	BL (Blue) BK (Black) GN (Green) GY (Gray) OR (Orange) PP (Purple) RD (Red) WH (White) YW (Yellow)	Any Length Available (e.g. 1, 3.5, 5, 50, 75)

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