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Data Sheet

# 50ft CAT6 Ethernet Cable - Red CAT 6 Gigabit Ethernet Wire -650MHz 100W PoE++ RJ45 UTP Category 6 Network/Patch Cord Snagless w/Strain Relief Fluke Tested UL/TIA Certified

Product ID: N6PATCH50RD



The N6PATCH50RD Cat 6 Patch Cable (50 ft) meets or exceeds all Category 6 cable specifications to ensure reliable Gigabit network connections, and features a durable red PVC jacket that enables you to color code your network cable runs as needed.

To ensure long-lasting performance, this high quality Cat 6 patch cable features a snagless design that protects the RJ45 connector clips from damage and makes the cable less prone to snagging during installation. The cable also features molded PVC strain relief that prevents the RJ45 connector termination points from bending at sharp angles - reducing the risk of cable damage, which could decrease network performance.

Constructed of only top quality materials, this Cat 6 Patch Cord delivers reliable performance and is backed by our Lifetime Warranty.

## 100% Copper - a better value

StarTech.com Cat6 cables are manufactured using high-quality copper conductors. While many cable manufacturers offer a "cheaper" cable based on a copper-coated aluminum core, we make no compromises on quality to ensure you receive top value and performance for your network cable investment.

## 24 AWG Wire

This Cat6 cable is constructed with 24 gauge copper wire, to support a broad range of Ethernet applications such as Power over Ethernet (PoE). Because we use a high quality copper wire, our cables easily sustain the power required for Power over Ethernet applications, whereas the inferior quality offered by copper-coated aluminum cables may be subject to insufficient power delivery, heat buildup, equipment damage and potentially, fire.

## 50-micron Gold Connectors

This Cat 6 patch cable offers high quality connectors comprised of 50-micron gold, to deliver optimum conductivity while eliminating signal loss due to oxidation or corrosion.

## Certifications, Reports and Compatibility










## Applications

- Designed for use with Gigabit networks
- Patches from hub to distribution panel
- Connects workstation to wall outlet
- Extend the reach of your Gigabit network devices by 50 ft

## Features

- Colored hoods for departmental color coding
- Molded strain relief prevents the cable from being bent at sharp angles at the RJ45 connector, to minimize the stress at the plug termination point
- HIGH PERFORMANCE CAT6 ETHERNET CABLE: 100% copper for error-free Multi Gigabit 1/2.5/5Gbps connections; 10Gbps up to 160'; Fluke patch cord tested to comply w/ANSI/TIA-568-2.D Category 6; ETL Verified
- POE SUPPORT: 24 AWG stranded copper conductors & UL rated wiring supports up to 100W for PoE devices like VOIP phone & security systems; IEEE 802.3bt & DTE power compliance reduces cable heating
- QUALITY CONSTRUCTION: ETL & UL certified wire; 50-micron gold-plated connectors prevent rust/corrosion to avoid costly network downtime; High quality PVC jacket resists bending or fraying damage
- EASY INSTALLATION: 50 foot snagless patch cord for easy installation & flexible disconnection in wiring conduits; Compatible w/Cat5e & earlier standards; Molded boots available for constrained spaces
- SPECS: Length: 50ft (15.2m) | Color: Red | 650 MHz Rated | Structure: 4 Pair UTP | RJ45 | Jacket: PVC | Wire Gauge: 24 AWG Copper | Wiring: ANSI/T568B | ETL Verified | Warranty: Lifetime

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|---|---|---|
| | Warranty | Lifetime |
| **Hardware** | Cable Jacket Material | PVC - Polyvinyl Chloride |
| | Cable Type | Snagless |
| | Fire Rating | CMG Rated (General Purpose) |
| | Number of Conductors | 4 Pair UTP |
| | Wiring Standard | TIA/EIA-568-B.1-2001 T568B |
| **Performance** | Cable Rating | CAT6 - 650 MHz |
| **Connector(s)** | Connector A | 1 - RJ-45 Male |
| | Connector B | 1 - RJ-45 Male |
| **Physical Characteristics** | Cable Length | 50 ft [15.2 m] |
| | Color | Red |
| | Conductor Type | Stranded Copper |
| | Product Length | 50 ft [15.2 m] |
| | Weight of Product | 21.4 oz [606 g] |
| | Wire Gauge | 24 AWG |
| **Packaging Information** | Package Height | 1.6 in [40 mm] |
| | Package Length | 13 in [33 cm] |
| | Package Width | 10 in [25.5 cm] |
| | Shipping (Package) Weight | 22 oz [623 g] |
| **What's in the Box** | Included in Package | 1 - 50 ft Red Snagless Cat6 UTP Patch Cable - ETL Verified |

Product appearance and specifications are subject to change without notice.