

50ft CAT6 Ethernet Cable - Black CAT 6 Gigabit Ethernet Wire -250MHz 100W PoE RJ45 UTP Network/Patch Cord Snagless w/Strain Relief Individually Tested

**Product ID:** N6PATCH50BK



The N6PATCH50BK Cat 6 Patch Cable (50 ft) meets or exceeds all Category 6 cable specifications to ensure reliable Gigabit network connections, and features a durable black 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.

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.

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.

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
- 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'; Individually Tested to comply w/ANSI/TIA-568-2.D Category 6
- POE SUPPORT: 24 AWG stranded copper conductors & UL Rated Wiring (E132276-A) supports up to 100W for PoE devices like VOIP phone & security systems; IEEE 802.3bt & DTE power compliance reduces cable heating
- QUALITY CONSTRUCTION: 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: Black 250 MHz Rated Structure: 4 Pair UTP RJ45 Jacket: PVC Wire Gauge: 24 AWG Copper Wiring: ANSI/T568B Warranty: Lifetime

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### Hardware

Warranty	Lifetime
Number of Conductors	4 Pair UTP
Cable Jacket Material	PVC - Polyvinyl Chloride
Fire Rating	CMG Rated (General Purpose)
Wiring Standard	TIA/EIA-568-B.1-2001 T568B

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### Performance

Cable Rating	CAT6 - 250 MHz
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**Connector(s)**

Connector A	1 - RJ-45
Connector B	1 - RJ-45

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**Environmental**

Operating Temperature	-20C to 80C (-4F to 176F)
Storage Temperature	-20C to 80C (-4F to 176F)
Humidity	15 ~ 65%

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**Physical Characteristics**

Color	Black
Wire Gauge	24 AWG
Conductor Type	Stranded Copper
Cable Length	50.0 ft [15.2 m]
Product Length	50.0 ft [15.2 m]
Weight of Product	21.0 oz [595 g]

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**Packaging Information**

Package Quantity	1
Package Length	10.7 in [27.3 cm]
Package Width	9.8 in [25.0 cm]
Package Height	2.2 in [5.6 cm]
Shipping (Package) Weight	1.5 lb [0.7 kg]

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**What's in the Box**

Included in Package	1 - 50 ft Black Snagless Cat6 UTP Patch Cable - ETL Verified
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**Warranty Information**

Warranty	Lifetime
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**\*Product appearance and specifications are subject to change without notice.**