6ft CAT6 Ethernet Cable - Black CAT 6 Gigabit Ethernet Wire -650MHz 100W PoE RJ45 UTP Molded Network/Patch Cord w/Strain Relief/Fluke Tested/Wiring is UL Certified/TIA

**Product ID:** C6PATCH6BK

The C6PATCH6BK Cat 6 Patch Cable (6 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 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 Gigabit Patch Cable 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 molded 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

## Features

• Constructed with top quality components

• 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 (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:  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: 6 foot molded patch cord is easy to connect into high density panels with many cables; Compatible w/Cat5e; Available w/Snagless boots for easy wiring conduit installation

• SPECS: Length: 6ft (1.8m)  Color: Black  650 MHz Rated  Structure: 4 Pair UTP  RJ45  Jacket: PVC  Wire Gauge: 24 AWG Copper  Wiring: ANSI/T568B  ETL Verified  Warranty: Lifetime

| | | |
|---|---|---|
| **Hardware** | | |
| | Warranty | Lifetime |
| | Number of Conductors | 4 Pair UTP |
| | Cable Jacket Material | PVC - Polyvinyl Chloride |
| | Fire Rating | CMG Rated (General Purpose) |
| | Cable Type | Molded |
| | Wiring Standard | TIA/EIA-568-B.1-2001 T568B |
| **Performance** | | |
| | Cable Rating | CAT6 - 650 MHz |

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|---|---|---|
| **Connector(s)** | | |
| | Connector A | 1 - RJ-45 |
| | Connector B | 1 - RJ-45 |
| **Physical Characteristics** | | |
| | Color | Black |
| | Wire Gauge | 24 AWG |
| | Conductor Type | Stranded Copper |
| | Cable Length | 6.0 ft [1.8 m] |
| | Product Length | 6.0 ft [1.8 m] |
| | Weight of Product | 2.8 oz [78 g] |
| **Packaging Information** | | |
| | Package Quantity | 1 |
| | Package Length | 8.7 in [22 cm] |
| | Package Width | 4.9 in [12.5 cm] |
| | Package Height | 0.5 in [13 mm] |
| | Shipping (Package) Weight | 3.1 oz [87 g] |
| **What's in the Box** | | |
| | Included in Package | 1 - 6 ft. Cat6 Patch Cable - Black |

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