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

Product ID: N6PATCH50GR

The N6PATCH50GR Cat 6 Patch Cable (50 ft) meets or exceeds all Category 6 cable specifications to ensure reliable Gigabit network connections, and features a durable gray 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

• 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 (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: 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: Gray 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	Snagless
Wiring Standard	TIA/EIA-568-B.1-2001 T568B

Performance		
	Cable Rating	CAT6 - 650 MHz
Connector(s)		
	Connector A	1 - RJ-45
	Connector B	1 - RJ-45
Physical Characteristics		
	Color	Gray
	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	22.3 oz [633 g]
Packaging Information		
	Package Quantity	1
	Package Length	13.0 in [33 cm]
	Package Width	10.0 in [25.5 cm]
	Package Height	1.1 in [28 mm]
	Shipping (Package) Weight	23.2 oz [656 g]
What's in the Box		
	Included in Package	1 - 50 ft Gray Snagless Cat6 UTP Patch Cable - ETL Verified

Product appearance and specifications are subject to change without notice.