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

Product ID: N6PATCH6INPL

This Snagless Cat 6 Patch Cable meets or exceeds all Category 6 cable specifications to ensure reliable Gigabit network connections, and features a durable 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.

Our 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 network 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.

The high quality connectors are plated with 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

• 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: Snagless patch cord for easy installation & flexible disconnection in wiring conduits; Compatible w/Cat5e & earlier standards; Molded boots available for constrained spaces

• THE IT PRO'S CHOICE: Designed for reliability in edge and on-prem deployments, our network cables are lab-tested and field-proven for seamless integration and maximum uptime; Backed by free lifetime 24/5 multi-lingual technical assistance

General		
	UPC	065030869676
	Package Quantity	1
	Warranty	Lifetime
Power		
	Power Delivery	100W
Physical & Environmental		
	Color	Purple
	Wire Gauge	24 AWG
	Conductor Type	Stranded Copper
	Cable Length	6.0 in [15.2 cm]
	Product Length	6.0 in [15.2 cm]

	Weight of Product	0.6 oz [16 g]
	Operating Temperature	-20C to 80C (-4F to 176F)
	Storage Temperature	-20C to 80C (-4F to 176F)
	Humidity	15 ~ 65%
Performance		
	Cable Rating	CAT6 - 250 MHz
Hardware		
	Number of Conductors	4 Pair UTP
	Connector Plating	Gold
	Cable Jacket Material	PVC (Polyvinyl Chloride)
	Fire Rating	CM/CMG (General Purpose)
	Cable Type	Snagless
	Wiring Standard	TIA/EIA-568-B.1-2001 T568B
Packaging & In-the-Box		
	Included in Package	1 - Cat6 patch cable
	Package Width	8.1 in [20.6 cm]
	Package Depth	2.4 in [60 mm]
	Package Height	1.2 in [30 mm]
	Shipping (Package) Weight	0.8 oz [24 g]
Connector(s)		
	Connector 1 (Quantity)	1
	Connector 1	RJ-45
	Connector 2 (Quantity)	1
	Connector 2	RJ-45

Product appearance and specifications are subject to change without notice.