50ft Black Cat6 Ethernet Cable, Snagless, 100W PoE, UTP, 24AWG Pure Bare Copper Wire, RJ45 Network Patch Cord w/Strain Reliefs, Individually Tested

Product ID: CAT6UTP50FTBK



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

• Deploy structured cabling across edge and micro data centers, retail environments, warehouses, and office networks with reliable Cat6 connectivity for switches, patch panels, and endpoint devices

• Standardize structured cabling deployments with a broad selection of cable lengths, colors, and pack configurations designed for scalable installations and multi-site rollouts

• Connect out-of-band management hardware, console ports, wireless access points, and network infrastructure devices with full Cat6 performance for everyday IT operations

Features

• Deploy Cat 6 Runs by Length and Color: Choose from multiple Cat 6 lengths and colors for consistent, structured cabling across racks and patch panels; Snagless RJ45 connectors with strain reliefs make insertion and removal easier in dense setups

• Deliver Full Cat 6 Performance: Supports up to 10Gbps over 24AWG 100% pure copper wire with 50-micron gold-plated RJ45 contacts; CMG-rated PVC jacket is durable for general installations

• Built to Cat 6 Spec, Individually Tested: Built to meet ANSI/TIA-568.2-D Category 6 requirements, with each cable individually tested for continuity and pinout to help ensure reliable network connections

• Power PoE Devices Up to 100W: IEEE 802.3bt and DTE power compliance reduces cable heating; UL Listed wire supports full continuous PoE power on runs that carry power and data

• The IT Pro's Choice: From endpoints in the office to edge, on-prem, and data center deployments, our Cat 6 range has the right cable for each environment; Backed by free lifetime 24/5 multi-lingual technical assistance

General		
	UPC	065030939294
	Warranty	Lifetime
Physical & Environmental		
	Color	Black
	Wire Gauge	24 AWG
	Conductor Type	Stranded Copper
	Cable Length	50.0 ft [15.2 m]
	Cable OD	0.2 in [6 mm]
	Product Length	49.9 ft [15.2 m]
	Product Width	0.5 in [11.6 mm]

	Product Height	0.6 in [14.2 mm]
	Weight of Product	20.8 oz [588 g]
	Operating Temperature	-20C to 60C (-4F to 140F)
	Storage Temperature	0C ~ 50C (32F to 122F)
	Humidity	0% ~ 90%
Performance		
	Maximum Data Transfer Rate	10 Gbps
	Cable Rating	CAT6 - 250 MHz
	ETL Verified	No
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-T568B
Packaging & In-the-Box		
	Included in Package	1 - Cat6 patch cable
	Package Width	2.0 in [50 mm]
	Package Depth	9.8 in [25 cm]
	Package Height	11.0 in [28 cm]
	Shipping (Package) Weight	20.9 oz [591 g]
Connector(s)		
	Connector 1 (Quantity)	1
	Connector 1	RJ-45

Connector 1 (Gender)	Male
Connector 2 (Quantity)	1
Connector 2	RJ-45
Connector 2 (Gender)	Male

Product appearance and specifications are subject to change without notice.