

6 in CAT6a Ethernet Cable - 10 Gigabit Shielded Snagless RJ45 100W PoE Patch Cord - 10GbE STP Network Cable w/Strain Relief - Black Fluke Tested/Wiring is UL Certified/TIA

Product ID: C6ASPAT6INBK



This Cat6a cable meets or exceeds all Category 6a cable specifications to ensure reliable 10Gb network connections. The cable is shielded to protect your network against electromagnetic interference (EMI/RFI) and system noise, providing the perfect solution for fast and safe network connections.

This 6-inch black patch cable is perfect for use in server closets, patch panels and with Ethernet hubs. The cable is intended for short-distance applications such as point-to-point in-rack and across-rack network switch and server connections.

For easier network installations, our Cat6a patch cables are available in a wide variety of lengths and colors. This ensures you have the right size of cable available when you need it and it lets you color code your connections for a more organized setup.

Each cable is tested for up to 500MHz frequency and is more than suitable for 10GBase-T Ethernet networks.

Constructed with 100% copper and foil-shielded, twisted-pair wiring, this cable was built for quality performance. The cable is designed to keep the data signals traveling through your network free from interference and is perfect in environments that are prone to large amounts of EMI.

The 50-micron gold connectors deliver optimum conductivity and eliminate signal loss due to oxidation or corrosion.

For trouble-free cable runs, this durable cable features snagless connectors that protect the RJ45 clips during installation, making them less likely to snag or break.

The cable also features molded boots which offer connector strain relief by stopping the RJ45 connector termination points from bending at sharp angles. This reduces the risk of damage to the cable, which could decrease network connectivity and performance.

Our Cat6a Ethernet Cables are ETL Verified to meet ANSI/TIA-568.2-D standards, ensuring peak performance for high-speed 10G applications. Independent testing confirms compliance with strict insertion loss, return loss, and crosstalk limits, maintaining stable signal transmission over longer runs. The STP shielding is verified for EMI

resistance, for guaranteed reliability in demanding environments.

The C6ASPAT6INBK is backed by StarTech.com's lifetime warranty for guaranteed reliability.

Certifications, Reports and Compatibility



Applications

- Connect PoE-enabled devices to 10Gb networks
- Connect servers to a Storage Area Network (SAN)
- Deliver data, voice and video over 10 Gigabit networks
- Connect between computers, hubs, switches, routers, print servers and patch panels

Features

- **HIGH PERFORMANCE CAT6A ETHERNET CABLE:** 100% copper for consistent & error-free 10 gigabit connection. Fluke tested complies with ANSI/TIA-568-B.2-10 Category 6 requirements; ETL Verified to meet ANSI/TIA-568.2-D standards
- **PROTECT YOUR NETWORK:** Shielded RJ45 connectors minimize Near-End Crosstalk (NEXT) & protect against noise & electromagnetic (EMI/RFI) interference; Compatible w/ multi-speed 10Base-T/NBASE-T generation
- **SPECS:** 10 GbE; Length: 6 in (15 cm); Color: Black; Structure: 4 Pair STP; Connector: Snagless; Jacket Type: PVC; Wire Gauge: 26 AWG Copper; Wiring Standard: ANSI/TIA-568-B.2-10; Warranty: Lifetime
- **POE SUPPORT:** 26 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 compliant prevents cable heating up
- **QUALITY CONSTRUCTION:** 50-micron gold-plated connectors for clear signal & to stop rust/corrosion. Snagless connector enables easy installation & flexible disconnection of patch cord in wiring conduits

Hardware

Warranty	Lifetime
Number of Conductors	4 Pair STP
Cable Jacket Material	PVC - Polyvinyl Chloride
Cable Shield Material	Aluminum-polyester foil

	Fire Rating	CMG Rated (General Purpose)
	Cable Type	Shielded Snag-less
Performance		
	ETL Verified	Yes
	Cable Rating	CAT6a - 10Gbit/s
Connector(s)		
	Connector A	1 - RJ-45
	Connector B	1 - RJ-45
Environmental		
	Operating Temperature	-20C to 80C (-4F to 176F)
	Storage Temperature	-20C to 80C (-4F to 176F)
	Humidity	15 ~ 65%
Physical Characteristics		
	Color	Black
	Wire Gauge	26 AWG (0.404 mm)
	Conductor Type	Stranded Copper
	Cable Length	6.0 in [15.2 cm]
	Product Length	0.5 ft [0.2 m]
	Product Width	0.5 in [1.2 cm]
	Product Height	0.4 in [1 cm]
	Weight of Product	0.6 oz [18 g]
Packaging Information		
	Package Quantity	1
	Package Length	8.7 in [22 cm]
	Package Width	7.9 in [20 cm]
	Package Height	0.4 in [10 mm]

Shipping (Package) Weight	1.0 oz [28 g]
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What's in the Box

Included in Package	1 - Cat6a patch cable
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**Warranty
Information**

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