

7m CAT6a Ethernet Cable - 10 Gigabit Shielded Snagless RJ45 100W PoE Patch Cord - 10GbE STP Network Cable w/Strain Relief - Aqua Individually Tested/Wiring is UL Certified/TIA

**Product ID:** 6ASPAT7MAQ



This CAT6a Ethernet cable meets all Category 6a cable specifications. It ensures reliable 10Gb connections between your network devices.

Tested for up to 500MHz frequency, each CAT6a cable is more than suitable for 10GBase-T Ethernet networks.

Built for quality performance, the cable features 100% copper and foil-shielded, twisted-pair wiring. The cable is designed to keep the data signals traveling through your network free from noise and interference. It's perfect in environments that are prone to large amounts of electromagnetic interference (EMI/RFI).

This CAT6a patch cable is built using 100% copper wire and is tested to comply with ANSI/TIA 568 C.2 Category 6a requirements. We don't use copper-clad aluminum (CCA) wire which is subject to problems like weak power delivery, heat buildup, equipment damage and possibly fire.

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 CAT6a Ethernet cable also features moulded boots which offer strain relief by stopping the RJ45 connectors from bending at sharp angles. This reduces the risk of cable damage, 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.

6ASPAT7MAQ 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, routers and patch panels

## Features

- **HIGH PERFORMANCE CAT6A ETHERNET CABLE:** 100% copper for consistent & error-free 10 gigabit connection. Individually 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: 7 m (22.9 ft); Color: Aqua; 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

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### 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) |

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### Performance

|              |     |
|--------------|-----|
| ETL Verified | Yes |
|--------------|-----|

|                                 |                           |                     |
|---------------------------------|---------------------------|---------------------|
|                                 | Cable Rating              | CAT6a - 500 MHz     |
| <b>Connector(s)</b>             |                           |                     |
|                                 | Connector A               | 1 - RJ-45           |
|                                 | Connector B               | 1 - RJ-45           |
| <b>Physical Characteristics</b> |                           |                     |
|                                 | Color                     | Aqua                |
|                                 | Wire Gauge                | 26 AWG (0.404 mm)   |
|                                 | Conductor Type            | Stranded Copper     |
|                                 | Cable Length              | 23.0 ft [7 m]       |
|                                 | Product Length            | 23.0 ft [7 m]       |
|                                 | Product Width             | 0.0 in [0.0 mm]     |
|                                 | Product Height            | 0.0 in [0.0 mm]     |
|                                 | Weight of Product         | 9.5 oz [270.0 g]    |
| <b>Packaging Information</b>    |                           |                     |
|                                 | Package Quantity          | 1                   |
|                                 | Package Length            | 7.9 in [20.0 cm]    |
|                                 | Package Width             | 8.7 in [22.0 cm]    |
|                                 | Package Height            | 0.0 in [0.1 mm]     |
|                                 | Shipping (Package) Weight | 9.9 oz [280.0 g]    |
| <b>What's in the Box</b>        |                           |                     |
|                                 | Included in Package       | 1 - 7 m CAT6a Cable |
| <b>Warranty Information</b>     |                           |                     |
|                                 | Warranty                  | Lifetime            |

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