# Cat6a 10G Snagless Shielded STP Ethernet Cable (RJ45 M/M), PoE, Aqua, 1 ft. (0.31 m)

MODEL NUMBER: **N262-001-AQ**






Snagless Cat6a cable with Power over Ethernet (PoE) connects 10G equipment in your high-speed 10GBase-T network.

## Features

**High-Speed Cat6a STP Patch Cable Ideal for Your 10GBase-T Ethernet Network**Designed for fast transmission and excellent signal quality, this one-foot Cat6a cable ensures peak performance throughout your local area network (LAN). It transmits 10 Gbps data, voice and video through high-speed 10G equipment, including network switches, modems, routers, adapters, hubs and patch panels. It reduces impedance and structural return loss compared to standard 100 MHz wire.

**Supports Power over Ethernet (PoE) to Cut Down on Power Supplies**Because this Cat6a shielded cable supports PoE, it can supply the power to operate compatible PoE devices, such as security cameras, VoIP telephones, point-of-sale kiosks and access control devices. This saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device.

**Premium Protection from EMI/RFI Line Noise Helps Your Equipment Perform Better**Various electromagnetic and radio sources found in virtually every home and business can cause disruptive interference on the AC line. Known as EMI (electromagnetic interference) and RFI (radio frequency interference), this line noise is a common cause of performance problems. The N262-001-AQ shields against disruptive line noise that can disturb your electronics and inflict hardware damage or data loss. This EMI/RFI filtering also helps your connected components perform better and last longer.

**Snagless RJ45 Male Connectors Add Extra Protection During Installation**The RJ45 connectors' snagless design protects the locking tabs from being damaged or broken off during installation. The ends are shielded to minimize near-end crosstalk (NEXT) levels. Integral strain relief gives the N262-001-AQ extra flexibility, reduces stress, and helps the cable move freely without cracking or breaking loose from the connector.

**Color-Coded to Avoid Misidentification That Can Cause Costly Downtime**This Cat6a STP patch cable features an aqua PVC jacket. The color-coding allows easy, fast identification in a crowded rack or workstation, preventing technicians from accidentally disconnecting the wrong cable.

## Highlights

- Cat6a STP patch cord rated for high-speed 10 Gbps communications
- Supports PoE to save you expense and effort of powering PoE devices individually
- Dispels EMI/RFI line noise that can destroy data and affect equipment performance
- Snagless RJ45 connectors prevent tabs from being damaged during installation
- Color-coded aqua for fast, easy identification in a crowded rack or workstation

## Applications

- Connect 10GBase-T networks or digital signage in a high-density data center
- Deliver power to PoE devices mounted in areas that are difficult to reach or have no electrical outlets
- Replace an old or missing RJ45 cable
- Provide universal connectivity for LAN network components, such as switches, servers, modems, routers, adapters, VoIP phones, security cameras and point-of-sale kiosks

## Package Includes

- N262-001-AQ Cat6a 10G-Certified Snagless Shielded STP Network Patch Cable (RJ45 M/M), Aqua, 1 ft.

# Specifications



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| **OVERVIEW** | |
| UPC Code | 037332239556 |
| Technology | Cat6a |
| **CONNECTIONS** | |
| PoE Capability | 30W (802.3at) |
| Side A - Connector 1 | RJ45 (MALE) |
| Side B - Connector 1 | RJ45 (MALE) |
| Crossover Wiring | No |
| Connector Plating | Nickel |
| Contact Plating | Gold |
| PoE Type | Type 2 PoE+ (30W, IEEE 802.3at) |
| Connector Type | Snagless |
| Wiring Configuration | EIA/TIA 568B |
| Angled Connector | No |
| **PHYSICAL** | |
| Cable Jacket Color | Aqua |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | CM |
| Cable Shielding | STP |
| Cable Outer Diameter (OD) | 6.2 mm |
| Number of Conductors | 4 Pair |
| Conductor Material | Stranded Copper |
| Conductor Gauge | 26 AWG |
| Cable Length (ft.) | 1 |
| Cable Length (m) | 0.30 |
| Cable Length (in.) | 12 |
| Cable Length (cm) | 30.5 |
| Shipping Dimensions (hwd / in.) | 9.00 x 7.00 x 0.50 |
| Shipping Dimensions (hwd / cm) | 22.86 x 17.78 x 1.27 |
| Shipping Weight (lbs.) | 0.06 |
| Shipping Weight (kg) | 0.03 |
| Unit Dimensions (hwd / in.) | 0.000 x 0.000 x 0.000 |
| **ENVIRONMENTAL** | |



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| Operating Temperature Range | 14° to 122°F (-10° to 50°C) |
| Storage Temperature Range | 5° to 140°F (-15° to 60°C) |
| Relative Humidity | 0-90% non-condensing |
| Operating Humidity Range | 0% to 90% RH, Non-Condensing |
| Storage Humidity Range | 0% to 90% RH, Non-Condensing |
| **COMMUNICATIONS** | |
| Bandwidth per TIA Standard | 500 MHz |
| Maximum Bandwidth as Tested | 600 MHz |
| Network Compatibility | 10 Gbps |
| IEEE Standards Supported | 802.3at |
| **FEATURES & SPECIFICATIONS** | |
| Antibacterial | No |
| IP68 Rated | No |
| Snagless Connector | Yes |
| **STANDARDS & COMPLIANCE** | |
| Product Certifications | UL Listed; cUL Listed |
| Product Compliance | CE (Europe); RoHS; IEEE 802.3at PoE+; REACH; UKCA |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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