# Cat6a 10G Snagless Molded UTP Ethernet Cable (RJ45 M/M), PoE, Blue, 2 ft. (0.6 m)

MODEL NUMBER: **N261-002-BL**






Ethernet cable with Power over Ethernet (PoE) connects critical components, such as servers, switches, routers and hubs, in high-density 10G networks.

## Highlights

- Cat6a UTP Ethernet cable rated for high-speed 10 Gbps communications
- Supports PoE to save you expense and effort of powering PoE devices individually
- Allows installation of PoE devices in hard-to-reach areas or away from AC outlets
- Snagless RJ45 connectors prevent tabs from being damaged during installation
- Blue jacket permits fast, easy identification in a crowded switch or patch panel

## Package Includes

N261-002-BL Cat6a 10G Snagless Molded UTP Ethernet Cable (RJ45 M/M), PoE, Blue, 2 ft. (0.6 m)

## Features

**Cat6a Cable Ideal for Your High-Density 10 Gigabit Ethernet Network**
This Cat6a 10G Ethernet cable with RJ45 connectors is recommended for connecting network components like printers, computers, copiers, routers, servers, modems, hubs and switches in high-density data centers and network closets. Designed for fast transmission and excellent signal quality, the N261-002-BL ensures peak performance throughout your LAN.

**Supports Power over Ethernet to Save You Money and Give You More Installation Choices**
Because this Cat6a 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. It also helps you install PoE devices in areas far away from AC outlets, such as poles or ceilings.

**Snagless RJ45 Male Connectors Add Extra Protection**
The RJ45 connectors' snagless design protects the locking tabs from being damaged or broken off during installation. The contacts feature 50-micron gold plating to help ensure the most accurate signal transfer possible, improving near-end crosstalk (NEXT) performance to 500 MHz.

**Blue Jacket Helps Avoid Misidentification That Can Cause Costly Downtime**
The cable has a blue PVC jacket, which is easy to identify quickly in a crowded patch panel or switch and helps prevent the cable from becoming accidentally disconnected.

**Premium Construction for Superior Performance**
Manufactured from 24 AWG copper wire, the four-pair stranded cable is rated for speeds up to 10 Gbps. Integral strain relief gives the unshielded cable extra flexibility, reduces stress and helps the cable move freely without cracking or breaking loose from the connector.

# Specifications

| OVERVIEW | |
|---|---|
| UPC Code | 037332277718 |

| | |
|---|---|
| Technology | Cat6a; PoE |
| **CONNECTIONS** | |
| PoE Capability | 15.4W (802.3af); 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 1 PoE (15.4W, IEEE 802.3af); Type 2 PoE+ (30W, IEEE 802.3at) |
| Connector Type | Molded; Snagless |
| Wiring Configuration | EIA/TIA 568B |
| Angled Connector | No |
| **PHYSICAL** | |
| Cable Jacket Color | Blue |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | CM |
| Cable Shielding | UTP |
| Cable Outer Diameter (OD) | 6.0 mm |
| Number of Conductors | 4 Pair |
| Conductor Material | Stranded Copper |
| Conductor Gauge | 24 AWG |
| Cable Length (ft.) | 2 |
| Cable Length (m) | 0.61 |
| Cable Length (in.) | 24 |
| Cable Length (cm) | 30.5 |
| **ENVIRONMENTAL** | |
| Operating Temperature Range | -4° to 140°F (-20° to 60°C) |
| Storage Temperature Range | -4° to 140°F (-20° to 60°C) |
| Operating Humidity Range | 5% to 85% RH, Non-Condensing |
| Storage Humidity Range | 5% to 85% RH, Non-Condensing |
| **COMMUNICATIONS** | |
| Bandwidth per TIA Standard | 500 MHz |
| Maximum Bandwidth as Tested | 600 MHz |

| | |
|---|---|
| Network Compatibility | 10 Gbps |
| IEEE Standards Supported | 802.3ab; 802.3an; 802.3af; 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 802.3ab 1000Base-T; IEEE 802.3af PoE; IEEE 802.3an 10GBase-T; IEEE 802.3at PoE+; REACH; UKCA |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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