

## Cat6 Gigabit Snagless Molded UTP Ethernet Cable (RJ45 M/M), PoE, CMR-LP, Blue, 6 ft. (1.83 m)

MODEL NUMBER: N201P-006-BL



Cat6 cable with Power over Ethernet (PoE) connects critical components, such as servers and switches, in Gigabit Ethernet networks.

### Features

**Cat6 UTP Patch Cable Delivers a Fast, Clear Signal Through Your Gigabit Ethernet Network**This Cat6 UTP cable with RJ45 connectors is recommended for connecting network components like printers, adapters, routers, servers, modems, hubs and switches in high-density data centers. Designed for fast transmission and excellent signal quality, this 6-ft. (1.83 m) blue cable ensures peak performance throughout your local area network (LAN). It reduces impedance and structural return loss, compared to standard 100 MHz wire.

**Supports Power over Ethernet (PoE) to Cut Down on Expensive Power Supplies**Because this Cat6 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.

**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. Integral strain relief gives the N201P-006-BL extra flexibility, reduces stress, and helps the cable move freely without cracking or breaking loose from the connector.

**CMR-LP Certified for Cable Installations with Increased Power Levels**UL's Limited Power (LP) certification indicates the N201P-006-BL has been evaluated to handle the marked current under installation scenarios without exceeding the temperature rating of the cable. This CMR-LP-certified cable provides a simple way to prepare installations for increased power levels without having to worry about susceptible issues caused by excessive heat.

**Color-Coded to Avoid Misidentification That Can Cause Costly Downtime**This Cat6 UTP patch cable features a blue PVC jacket. The color-coding allows easy, fast identification in a crowded rack, patch panel or workstation and helps prevent the cable from becoming inadvertently disconnected.

## Specifications

### Highlights

- Cat6 UTP patch cord rated for high-speed 550 MHz/1 Gbps communications
- Certified PoE cable saves you expense and effort of powering PoE devices individually
- Reduces impedance and structural return loss, compared to standard 100 MHz wire
- Snagless RJ45 connectors prevent tabs from being damaged during installation
- Color-coded blue for fast, easy identification in a crowded rack or patch panel

### Applications

- Connect a computer and its peripherals to a home or office Gigabit Ethernet network
- Connect switches, modems and servers in a high-density data center
- Deliver power to PoE devices mounted in areas that are difficult to reach or have no electrical outlets

### Package Includes

- N201P-006-BL Cat6 Snagless UTP Network Patch Cable (RJ45 M/M), Blue, 6-ft. (1.83 m)



| <b>OVERVIEW</b>             |                              |
|-----------------------------|------------------------------|
| UPC Code                    | 037332242464                 |
| Technology                  | Cat6; PoE                    |
| <b>PHYSICAL</b>             |                              |
| Color                       | Blue                         |
| Cable Jacket Material       | PVC                          |
| Cable Jacket Rating         | CMR-LP                       |
| Cable Shielding             | UTP                          |
| Cable Outer Diameter (OD)   | 6.5MM                        |
| Number of Conductors        | 4 Pair                       |
| Conductor Material          | Solid Copper                 |
| Conductor Gauge             | 23 AWG                       |
| Cable Length (ft.)          | 6                            |
| Cable Length (m)            | 1.83                         |
| Cable Length (in.)          | 72                           |
| Cable Length (cm)           | 182.9                        |
| <b>ENVIRONMENTAL</b>        |                              |
| Operating Temperature Range | 14 to 140 F (-10 to 60 C)    |
| Storage Temperature Range   | -4 to 158 F (-20 to 70 C)    |
| Relative Humidity           | 0% TO 90% RH, NON-CONDENSING |
| Operating Humidity Range    | 0% TO 90% RH, Non-Condensing |
| Storage Humidity Range      | 0% TO 90% RH, Non-Condensing |
| <b>COMMUNICATIONS</b>       |                              |
| Bandwidth per TIA Standard  | 250 MHz                      |
| Maximum Bandwidth as Tested | 500 MHz                      |
| Network Compatibility       | 1 Gbps (Gigabit)             |
| IEEE Standards Supported    | 802.3an                      |
| <b>CONNECTIONS</b>          |                              |
| Side A - Connector 1        | RJ45 (MALE)                  |
| Side B - Connector 1        | RJ45 (MALE)                  |
| Crossover Wiring            | Yes                          |
| Contact Plating             | Gold                         |



|                                      |                                 |
|--------------------------------------|---------------------------------|
| Connector Type                       | Snagless                        |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                 |
| IP68 Rated                           | No                              |
| Snagless Connector                   | Yes                             |
| Antibacterial                        | No                              |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                 |
| Certifications                       | RoHS, REACH, CMR-LP (raw cable) |
| <b>WARRANTY</b>                      |                                 |
| Product Warranty Period (Worldwide)  | Lifetime limited warranty       |

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