

## Cat6 Gigabit Snagless Molded UTP Ethernet Cable (RJ45 M/M), PoE, CMR-LP, Blue, 20 ft. (6.09 m), TAA

MODEL NUMBER: N201P-020-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 20-ft. (6.09 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 Type 4 PoE, it can supply up to 100W of 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-020-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-020-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 Type 4 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-020-BL Cat6 Snagless UTP Network Patch Cable (RJ45 M/M), Blue, 20-ft. (6.09 m)



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| OVERVIEW                    |  |
|-----------------------------|--|
| UPC Code                    | 037332242488                           |
| Technology                  | Cat6; PoE                              |
| CONNECTIONS                 |  |
| PoE Capability              | 100W (802.3bt)                         |
| Side A - Connector 1        | RJ45 (MALE)                            |
| Side B - Connector 1        | RJ45 (MALE)                            |
| Crossover Wiring            | No                                     |
| Contact Plating             | Gold                                   |
| PoE Type                    | Type 4 High-Power (100W, IEEE 802.3bt) |
| Connector Type              | Snagless; Molded                       |
| Wiring Configuration        | EIA/TIA 568B                           |
| Angled Connector            | No                                     |
| PHYSICAL                    |  |
| Cable Jacket Color          | Blue                                   |
| Cable Jacket Material       | PVC                                    |
| Cable Jacket Rating         | CMR-LP                                 |
| Cable Shielding             | UTP                                    |
| Cable Outer Diameter (OD)   | 6.5 mm                                 |
| Number of Conductors        | 4 Pair                                 |
| Conductor Material          | Solid Copper                           |
| Conductor Gauge             | 23 AWG                                 |
| Cable Length (ft.)          | 20                                     |
| Cable Length (m)            | 6.10                                   |
| Cable Length (in.)          | 240                                    |
| Cable Length (cm)           | 609.6                                  |
| Shipping Weight (kg)        | 0.25                                   |
| Unit Dimensions (hwd / in.) | 11.000 x 7.000 x 0.500                 |
| ENVIRONMENTAL               |  |
| 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           |



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| 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; 802.3bt   |
| <b>FEATURES &amp; SPECIFICATIONS</b> |  |
| Antibacterial                        | No   |
| IP68 Rated                           | No   |
| Snagless Connector                   | Yes  |
| <b>STANDARDS &amp; COMPLIANCE</b>    |  |
| Product Certifications               | UL Listed; cUL Listed  |
| Product Compliance                   | CE (Europe); RoHS; IEEE 802.3an 10GBase-T; IEEE 802.3bt PoE++; REACH; UKCA; Trade Agreements Act (TAA) |
| <b>WARRANTY &amp; SUPPORT</b>        |  |
| Product Warranty Period (Worldwide)  | Lifetime limited warranty  |

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