

## 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 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-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 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-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>	
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.)	6
Cable Length (m)	1.83
Cable Length (in.)	72
Cable Length (cm)	182.9
Shipping Weight (kg)	0.08
Unit Dimensions (hwd / in.)	9.000 x 7.000 x 0.500
<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; 802.3bt
<b>CONNECTIONS</b>	
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
<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