

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

MODEL NUMBER: N200-006-BL



Ideal for connecting high-speed network components, such as computers, printers, video game systems, Blu-ray™ players, copy machines, routers and modems, in a home or office Cat5/5e/6 application.

## Features

### The Ideal Solution for All High-Speed Cat5/5e/6 Networking

- Connects high-speed network components, such as computers, printers, video game systems, Blu-ray players, copy machines, routers and modems
- Designed for 1000Base-T, 10/100Base-T (Ethernet), 100 Mbps TPDDI, 155 Mbps ATM, ISDN, voice, Token Ring Type 3 and EIA/TIA applications
- Recommended for home or office applications
- Provides high-speed connections up to 550 MHz/1 Gbps
- Flawless signal delivery with minimal near-end crosstalk levels

### Premium Construction Ensures Error-Free Signal Transfer

- Manufactured from 24 AWG 4-pair stranded UTP with staggered-pin plug design
- Molded RJ45 connectors and gold-plated copper contacts for maximum conductivity and minimum data loss
- Integral strain relief protects cable and connectors from stress and cracking
- Meets most current industry standards, including IEEE 802.3ab, IEEE 802.5, ANSI/EIA/TIA 568, ISO/IEC 11801 and ETL (category 6 draft 11)

## Specifications

| OVERVIEW   |              |
|------------|--------------|
| UPC Code   | 037332194480 |
| Technology | Cat6; PoE    |
| POWER      |              |

## Highlights

- Premium cabling for Cat5/5e/6 home/office network applications
- Rated for 550 MHz/1 Gbps communication
- 24 AWG 4-pair stranded UTP with PVC jacket
- Gold-plated copper contacts minimize data loss
- Integral strain relief protects connectors from stress and cracking

## Package Includes

- N200-006-BL Cat6 Gigabit Molded Patch Cable, Blue, 6 ft.



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|                                 |                                 |
|---------------------------------|---------------------------------|
| Power Over Cable (PoC) Support  | No                              |
| <b>CONNECTIONS</b>              |                                 |
| PoE Capability                  | 30W (802.3at)                   |
| Side A - Connector 1            | RJ45 (MALE)                     |
| Side B - Connector 1            | RJ45 (MALE)                     |
| Crossover Wiring                | No                              |
| Contact Plating                 | Gold                            |
| PoE Type                        | Type 2 PoE+ (30W, IEEE 802.3at) |
| Connector Type                  | Molded                          |
| Wiring Configuration            | EIA/TIA 568B                    |
| Angled Connector                | No                              |
| <b>PHYSICAL</b>                 |                                 |
| 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.)              | 6                               |
| Cable Length (m)                | 1.83                            |
| Cable Length (in.)              | 72                              |
| Cable Length (cm)               | 182.9                           |
| Shipping Dimensions (hwd / in.) | 7.00 x 9.00 x 0.50              |
| Shipping Dimensions (hwd / cm)  | 17.78 x 22.86 x 1.27            |
| Shipping Weight (lbs.)          | 0.18                            |
| Shipping Weight (kg)            | 0.08                            |
| <b>ENVIRONMENTAL</b>            |                                 |
| Operating Temperature Range     | 14° to 104°F (-10° to 40°C)     |
| Storage Temperature Range       | 5° to 122°F (-15° to 50°C)      |
| Operating Humidity Range        | 0% to 90% RH, Non-Condensing    |
| Storage Humidity Range          | 0% to 90% RH, Non-Condensing    |



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| COMMUNICATIONS                      |                                                                           |
|-------------------------------------|---------------------------------------------------------------------------|
| Bandwidth per TIA Standard          | 250 MHz                                                                   |
| Maximum Bandwidth as Tested         | 500 MHz                                                                   |
| Network Compatibility               | 1 Gbps (Gigabit)                                                          |
| IEEE Standards Supported            | 802.3an; 802.3at                                                          |
| FEATURES & SPECIFICATIONS           |                                                                           |
| Antibacterial                       | No                                                                        |
| IP68 Rated                          | No                                                                        |
| Snagless Connector                  | No                                                                        |
| IP20 Rated                          | No                                                                        |
| STANDARDS & COMPLIANCE              |                                                                           |
| Product Certifications              | UL Listed; cUL Listed                                                     |
| Product Compliance                  | CE (Europe); RoHS; IEEE 802.3an 10GBase-T; IEEE 802.3at PoE+; REACH; UKCA |
| WARRANTY & SUPPORT                  |                                                                           |
| Product Warranty Period (Worldwide) | Lifetime limited warranty                                                 |

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