

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

MODEL NUMBER: N200-006-PU



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   | 037332204493 |
| Technology | Cat6         |
| 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-PU Cat6 Gigabit Molded Patch Cable, Purple, 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                 | Purple                          |
| 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                          |
| Wire Gauge (OD - mm <sup>2</sup> ) | 24                              |
| Cable Length (ft.)                 | 6                               |
| Cable Length (m)                   | 1.83                            |
| Cable Length (in.)                 | 72                              |
| Cable Length (cm)                  | 182.9                           |
| Shipping Dimensions (hwd / in.)    | 9.00 x 7.00 x 0.50              |
| Shipping Dimensions (hwd / cm)     | 22.86 x 17.78 x 1.27            |
| Shipping Weight (lbs.)             | 0.20                            |
| Shipping Weight (kg)               | 0.09                            |
| Unit Dimensions (hwd / in.)        | 0.000 x 0.000 x 0.000           |
| <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    |



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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; 802.3at  |
| <b>FEATURES &amp; SPECIFICATIONS</b> |   |
| Antibacterial                        | No  |
| IP68 Rated                           | No  |
| Snagless Connector                   | No  |
| IP20 Rated                           | No  |
| <b>STANDARDS &amp; COMPLIANCE</b>    |   |
| Product Certifications               | UL Listed; cUL Listed   |
| Product Compliance                   | CE (Europe); RoHS; IEEE 802.3an 10GBase-T; IEEE 802.3at PoE+; REACH; UKCA |
| <b>WARRANTY &amp; SUPPORT</b>        |   |
| Product Warranty Period (Worldwide)  | Lifetime limited warranty   |

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