

## Cat6 Gigabit Snagless Molded (UTP) Ethernet Cable (RJ45 M/M), PoE, Green, 6-in. (15.24 cm)

MODEL NUMBER: N201-06N-GN



Connects critical components, such as computers, network adapters, routers, servers, modems, hubs and switches, in Gigabit Ethernet networks. Recommended for distributing data, voice and video in high-density data centers.

### Features

#### The Ideal Solution for Your Cat6 Gigabit Ethernet Networking Needs

- Recommended for connecting computers, network adapters, routers, servers, modems, hubs and switches in high-density data centers
- Designed for 10/100/1000 Base-T, 100 Mbps TPDDI, 155 Mbps ATM, ISDN, voice, Token Ring Type 3 and EIA/TIA applications
- Provides high-speed connections up to 550 MHz/1 Gbps
- Flawless signal delivery with minimal near-end crosstalk levels
- Reduces impedance and structural return loss compared to standard 100 MHz wire

#### Snagless RJ45 Male Connectors

- Molded snagless boots prevent locking tabs from damage during installation

#### Premium Construction Ensures Error-Free Signal Transfer

- Manufactured from 24 AWG 4-pair stranded UTP
- Gold-plated copper contacts for maximum conductivity and minimum data loss
- Integral strain relief protects cable and connectors from stress and cracking
- Rugged PVC jacket stands up to long-term use

#### Meets Top Cabling Standards

- Meets Cat6 TIA/EIA standards
- Meets most other current industry standards, including IEEE 802.3ab, 802.5, ISO/IEC 11801 and ETL (Cat6 draft 11)

### Highlights

- Premium cabling for Cat6 home/office network applications
- Rated for 550 MHz/1 Gbps communications
- Snagless connectors prevent damaged tabs during installation
- 24 AWG 4-pair stranded UTP with PVC jacket
- Integral strain relief protects connectors from stress and cracking

### Package Includes

- N201-06N-GN Premium Cat6 Gigabit Snagless Molded UTP Patch Cable (RJ45 M/M), Green, 6 in.

## Specifications

| OVERVIEW                           |                              |
|------------------------------------|------------------------------|
| UPC Code                           | 037332176394                 |
| Technology                         | Cat6; PoE                    |
| PHYSICAL                           |                              |
| Cable Jacket Color                 | Green                        |
| 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.)                 | 0.5                          |
| Cable Length (m)                   | 0.15                         |
| Cable Length (in.)                 | 6                            |
| Cable Length (cm)                  | 15.2                         |
| 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.)             | 0.05                         |
| Shipping Weight (kg)               | 0.02                         |
| ENVIRONMENTAL                      |                              |
| Operating Temperature Range        | 14° to 122°F (-10° to 50°C)  |
| Storage Temperature Range          | 5° to 140°F (-15° to 60°C)   |
| Operating Humidity Range           | 0% to 90% RH, Non-Condensing |
| Storage Humidity Range             | 0% to 90% RH, Non-Condensing |
| 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             |

| CONNECTIONS                         |                                                                           |
|-------------------------------------|---------------------------------------------------------------------------|
| 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                      | Snagless; Molded                                                          |
| Wiring Configuration                | EIA/TIA 568B                                                              |
| Angled Connector                    | No                                                                        |
| FEATURES & SPECIFICATIONS           |                                                                           |
| Antibacterial                       | No                                                                        |
| IP68 Rated                          | No                                                                        |
| Snagless Connector                  | Yes                                                                       |
| 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                                                 |