

## Cat6 Gigabit Snagless Molded (UTP) Ethernet Cable (RJ45 M/M), PoE, Orange, 15 ft. (4.57 m)

MODEL NUMBER: N201-015-OR



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.

### Description

The N201-015-OR Cat6 Gigabit Snagless Molded UTP Patch Cable (M/M) is recommended for distributing data, voice and video through computers, network adapters, routers, servers, modems, hubs and switches in high-density data centers. Designed for fast transmission and excellent signal quality, this 15-ft. (4.57 m) orange cable ensures peak performance throughout your local area network (LAN). It reduces impedance and structural return loss compared to standard 100 MHz wire. Manufactured from 24 AWG copper wire and protected by a rugged PVC jacket, the four-pair stranded UTP N201-015-OR delivers speeds up to 550 MHz/1 Gbps with minimal near-end crosstalk (NeXT). The RJ45 short-body connectors' snagless design protects the locking tabs from being damaged or broken off during installation. Integral strain relief with ridges on each end gives the cable extra flexibility, reduces stress, and helps the cable and connectors move freely without cracking. The N201-015-OR meets Cat6 cabling standards.

### Features

#### Perfect Solution for Your Cat6 Gigabit Ethernet Networking Needs

- Ideal 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
- Ensures peak performance throughout your LAN
- Rated for 550 MHz/1 Gbps communications
- 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 for Superior Performance

- High-quality 24 AWG 4-pair stranded copper wire

### Highlights

- Rated for 550 MHz/1 Gbps communications
- Snagless RJ45 connectors protect against broken tabs
- Meets Cat6 TIA/EIA standards
- High-quality 24 AWG stranded copper wire
- Reduces impedance and structural return loss

### System Requirements

- For 1000 Base-T (1Gbps Ethernet), 10/100 Base-T (Ethernet), 100 Mbps TPDDI, 155 Mbps ATM, ISDN, voice and Token Ring TYPE 3 applications, as well as EIA/TIA applications.

### Package Includes

- N201-015-OR Cat6 Gigabit Snagless Molded UTP Patch Cable (RJ45 M/M), Orange, 15-ft. (4.57 m)

- Minimal near-end crosstalk ensures a strong signal
- 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)

## Specifications

| OVERVIEW                        |                              |
|---------------------------------|------------------------------|
| UPC Code                        | 037332202697                 |
| Technology                      | Cat6; PoE                    |
| PHYSICAL                        |                              |
| Cable Jacket Color              | Orange                       |
| 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.)              | 15                           |
| Cable Length (m)                | 4.57                         |
| Cable Length (in.)              | 180                          |
| Cable Length (cm)               | 457.2                        |
| Shipping Dimensions (hwd / in.) | 0.50 x 8.00 x 10.00          |
| Shipping Dimensions (hwd / cm)  | 1.27 x 20.32 x 25.40         |
| Shipping Weight (lbs.)          | 0.40                         |
| Shipping Weight (kg)            | 0.18                         |
| Unit Dimensions (hwd / in.)     | 0.000 x 0.000 x 0.000        |
| 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  |
| <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>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                       | 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 802.3at PoE+; REACH; UKCA |
| <b>WARRANTY &amp; SUPPORT</b>        |   |
| Product Warranty Period (Worldwide)  | Lifetime limited warranty   |