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

MODEL NUMBER: **N201-006-GY**



## Highlights

- Premium cabling for Category 6, Category 5e and Category 5 applications—rated for 550 MHz/1 Gbps communications
- Designed to meet Category 6 specifications; reduces cross-talk and return loss
- IEEE 802.3ab
- PVC 4-pair stranded UTP
- All cables feature boots with integral strain-relief and RJ45 (Male) connectors

## 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

- 6-ft. Cat6 Gray Gigabit Patch Cord Snagless Molded

## Features

- Meets category 6 cabling standards
- Premium cabling for category 6, category 5e and category 5 applications
- Length: 6 ft./Color: gray/Connectors: RJ45 male
- Drastically reduce impedance and structural return loss compared to standard 100MHz wire.
- High-quality copper wire and a staggered-pin plug design to keep near-end crosstalk levels to a minimum
- Feature molded connectors with integral strain relief
- Snagless design protects the locking tabs on the RJ45 connectors from being damaged or snapped off during installation
- PVC 4-pair stranded UTP
- Deliver stable performance up to 550MHz/1 Gbps communication
- 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)
- Available in other colors and lengths

# Specifications

| OVERVIEW | |
|---|---|
| UPC Code | 037332164155 |
| Technology | Cat6; PoE |

| PHYSICAL | |
|---|---|
| Cable Jacket Color | Gray |

| | |
|---|---|
| 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.) | 9.00 x 7.00 x 0.50 |
| Shipping Dimensions (hwd / cm) | 22.86 x 17.78 x 1.27 |
| Shipping Weight (lbs.) | 0.18 |
| Shipping Weight (kg) | 0.08 |
| 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 |

### 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 |
| 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 |