

## Cat6 Gigabit Snagless Molded (UTP) Ethernet Cable (RJ45 M/M), PoE, Gray, 25 ft. (7.62 m)

MODEL NUMBER: N201-025-GY



### Features

- Meets category 6 cabling standards.
- Length: 25 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 solid 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             | 037332100009 |
| Technology           | Cat6; PoE    |
| CONNECTIONS          |              |
| Side A - Connector 1 | RJ45 (MALE)  |
| Side B - Connector 1 | RJ45 (MALE)  |
| Crossover Wiring     | No           |

### Highlights

- Premium cabling for Category 6, Category 5e and Category 5 applications—rated for 550 MHz/1Gbps communications
- Designed to meet Category 6 specifications; reduces cross-talk and return loss
- IEEE 802.3ab
- PVC 4-pair solid 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

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



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|                                      |                                 |
|--------------------------------------|---------------------------------|
| 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>PHYSICAL</b>                      |                                 |
| 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                   | Solid Copper                    |
| Conductor Gauge                      | 24 AWG                          |
| Cable Length (ft.)                   | 25                              |
| Cable Length (m)                     | 7.62                            |
| Cable Length (in.)                   | 300                             |
| Cable Length (cm)                    | 762                             |
| Shipping Dimensions (hwd / in.)      | 11.00 x 7.00 x 0.50             |
| Shipping Dimensions (hwd / cm)       | 27.94 x 17.78 x 1.27            |
| Shipping Weight (lbs.)               | 0.70                            |
| Shipping Weight (kg)                 | 0.32                            |
| <b>ENVIRONMENTAL</b>                 |                                 |
| 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>FEATURES &amp; SPECIFICATIONS</b> |                                 |

|                                     |                                                                           |
|-------------------------------------|---------------------------------------------------------------------------|
| 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                                                 |

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