

# Cat6 Gigabit Snagless Molded (UTP) Ethernet Cable (RJ45 M/M), PoE, Black, 3 ft. (0.91 m)

MODEL NUMBER: N201-003-BK



## Features

- Meets category 6 cabling standards
- Premium cabling for category 6, category 5e and category 5 applications
- Length: 3 ft./Color: black/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
- 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)

## 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
- Features 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

- 3-ft. Cat6 Gigabit Black Snagless Molded Patch Cable

## Specifications

| OVERVIEW              |              |
|-----------------------|--------------|
| UPC Code              | 037332125491 |
| Technology            | Cat6; PoE    |
| PHYSICAL              |              |
| Cable Jacket Color    | Black        |
| Cable Jacket Material | PVC          |
| Cable Jacket Rating   | CM           |



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|                                 |                                 |
|---------------------------------|---------------------------------|
| 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.)              | 3                               |
| Cable Length (m)                | 0.91                            |
| Cable Length (in.)              | 36                              |
| Cable Length (cm)               | 91.4                            |
| 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.)          | 0.14                            |
| Shipping Weight (kg)            | 0.06                            |
| Unit Dimensions (hwd / in.)     | 0.000 x 0.000 x 0.000           |
| <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>CONNECTIONS</b>              |                                 |
| 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                              |



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| 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   |

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