

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

MODEL NUMBER: N200-006-RD











Highlights

- Premium cabling for Cat5/5e/6 home/office network applications
- Rated for 550 MHz/1 Gbps communication
- 24 AWG 4-pair stranded UTP with PVC jacket
- Gold-plated copper contacts minimize data loss
- Integral strain relief protects connectors from stress and cracking

Package Includes

 N200-006-RD Cat6 Gigabit Molded Patch Cable, Red, 6 ft.

Ideal for connecting high-speed network components, such as computers, printers, video game systems, Blu-ray™ players, copy machines, routers and modems, in a home or office Cat5/5e/6 application.

Features

The Ideal Solution for All High-Speed Cat5/5e/6 Networking

- Connects high-speed network components, such as computers, printers, video game systems, Blu-ray players, copy machines, routers and modems
- Designed for 1000Base-T, 10/100Base-T (Ethernet), 100 Mbps TPDDI, 155 Mbps ATM, ISDN, voice, Token Ring Type 3 and EIA/TIA applications
- Recommended for home or office applications
- Provides high-speed connections up to 550 MHz/1 Gbps
- Flawless signal delivery with minimal near-end crosstalk levels

Premium Construction Ensures Error-Free Signal Transfer

- Manufactured from 24 AWG 4-pair stranded UTP with staggered-pin plug design
- Molded RJ45 connectors and gold-plated copper contacts for maximum conductivity and minimum data loss
- Integral strain relief protects cable and connectors from stress and cracking
- 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)

Specifications

| OVERVIEW | |
|------------|--------------|
| UPC Code | 037332204509 |
| Technology | Cat6; PoE |



| POWER | | |
|---------------------------------|------------------------------|--|
| Power Over Cable (PoC) Support | No | |
| PHYSICAL | | |
| Cable Jacket Color | Red | |
| Cable Jacket Material | PVC | |
| Cable Jacket Rating | СМ | |
| 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 - mm²) | 24 | |
| 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 104°F (-10° to 40°C) | |
| Storage Temperature Range | 5° to 122°F (-15° to 50°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 | | |



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