

Cat6a 10G-Certified Snagless Shielded STP Ethernet Cable (RJ45 M/M), PoE, Gray, 3 ft. (0.91 m)

MODEL NUMBER: **N262-003-GY**



Transmits 10 Gbps data with Power over Ethernet (PoE) support over 4-pair copper cable. Recommended for high-speed 10GBase-T network connections in high-density data centers and Ethernet networks.

Features

Recommended for Making Cat6a 10G Ethernet Network Connections

- Ideal for connecting network switches, modems, routers, adapters, hubs and patch panels in high-density data centers
- Compatible with PoE devices, such as VoIP phones, security cameras and point-of-sale kiosks
- Ensures peak performance throughout your LAN
- 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
- Integral strain relief protects cable and connectors from stress and cracking

Premium Construction for Superior Performance

- High-quality 26 AWG 4-pair stranded copper wire
- Minimal near-end crosstalk ensures a strong signal
- Rugged PVC jacket stands up to long-term use
- EMI/RFI shielding protects network from disruptive line noise

Tested and Certified Using Trusted Fluke Equipment

- Supports IEEE 802.3af
- DTE power compliant
- ETL/UL certified

Highlights

- Ideal for making 10 Gbps connections
- Snagless RJ45 connectors protect against broken tabs
- High-quality 26 AWG 4-pair stranded copper wire
- Reduces impedance and structural return loss
- Protects network equipment against EMI/RFI line noise

Package Includes

- N262-003-GY Cat6a 10G-Certified Snagless Shielded STP Network Patch Cable (RJ45 M/M), Gray, 3 ft.



- Compatible with T568A/T568B wiring

Specifications

| OVERVIEW | |
|------------------------------------|------------------------------|
| UPC Code | 037332204981 |
| Technology | Cat6a |
| PHYSICAL | |
| Color | Gray |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | CM |
| Cable Shielding | STP |
| Cable Outer Diameter (OD) | 6.2mm |
| Number of Conductors | 4 Pair |
| Conductor Material | Stranded Copper |
| Conductor Gauge | 26 AWG |
| Wire Gauge (OD - mm ²) | 26 |
| Cable Length (ft.) | 3 |
| Cable Length (m) | 0.9 |
| Cable Length (in.) | 36 |
| Cable Length (cm) | 91.4 |
| Shipping Dimensions (hwd / cm) | 22.86 x 17.78 x 1.27 |
| Shipping Dimensions (hwd / in.) | 9.00 x 7.00 x 0.50 |
| Shipping Weight (kg) | 0.05 |
| Shipping Weight (lbs.) | 0.10 |
| 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 | 500 MHz |
| Maximum Bandwidth as Tested | 600 MHz |



| | |
|--------------------------------------|---------------------------|
| Network Compatibility | 10 Gbps |
| IEEE Standards Supported | 802.3at |
| CONNECTIONS | |
| PoE Capability | 15.4W (802.3af) |
| Side A - Connector 1 | RJ45 (MALE) |
| Side B - Connector 1 | RJ45 (MALE) |
| Crossover Wiring | No |
| Connector Plating | Nickel |
| Contact Plating | Gold |
| Connector Type | Snagless |
| Wiring Configuration | EIA/TIA 568B |
| FEATURES & SPECIFICATIONS | |
| IP68 Rated | No |
| Snagless Connector | Yes |
| Antibacterial | No |
| STANDARDS & COMPLIANCE | |
| Certifications | RoHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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