

## Cat6a 10G-Certified Snagless Shielded STP Ethernet Cable (RJ45 M/M), PoE, Gray, 7 ft. (2.13 m)

MODEL NUMBER: **N262-007-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
- Compatible with T568A/T568B wiring

### 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

- N262-007-GY Cat6a 10G-Certified Snagless Shielded STP Network Patch Cable (RJ45 M/M), Gray, 7 ft.



## Specifications

OVERVIEW	
UPC Code	037332204998
Technology	Cat6a
PHYSICAL	
Cable Jacket 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 <sup>2</sup> )	26
Cable Length (ft.)	7
Cable Length (m)	2.13
Cable Length (in.)	84
Cable Length (cm)	213.4
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)	0.10
Shipping Weight (lbs.)	0.23
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
<b>CONNECTIONS</b>	
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
<b>FEATURES &amp; SPECIFICATIONS</b>	
IP68 Rated	No
Snagless Connector	Yes
Antibacterial	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Certification & Compliance	RoHS; REACH; IEEE 802.3bt PoE++
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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