Cat6a 10G Snagless Shielded STP Ethernet Cable (RJ45 M/M), PoE, Black, 5 ft. (1.52 m)

MODEL NUMBER: **N262-005-BK**



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.

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

- N262-005-BK Cat6a 10G-Certified Snagless Shielded STP Network Patch Cable (RJ45 M/M), Black, 5 ft.

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

Specifications

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OVERVIEW	
UPC Code	037332203731
Technology	Cat6a
CONNECTIONS	
PoE Capability	30W (802.3at)
Side A - Connector 1	RJ45 (MALE)
Side B - Connector 1	RJ45 (MALE)
Crossover Wiring	No
Connector Plating	Nickel
Contact Plating	Gold
PoE Type	Type 2 PoE+ (30W, IEEE 802.3at)
Connector Type	Snagless
Wiring Configuration	EIA/TIA 568B
Angled Connector	No
PHYSICAL	
Cable Jacket Color	Black
Cable Jacket Material	PVC
Cable Jacket Rating	CM
Cable Shielding	STP
Cable Outer Diameter (OD)	6.2 mm
Number of Conductors	4 Pair
Conductor Material	Stranded Copper
Conductor Gauge	26 AWG
Wire Gauge (OD - mm^2)	26
Cable Length (ft.)	5
Cable Length (m)	1.52
Cable Length (in.)	60
Cable Length (cm)	152.4
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.)	0.17
Shipping Weight (kg)	0.08
ENVIRONMENTAL	

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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
FEATURES & SPECIFICATIONS	
Antibacterial	No
IP68 Rated	No
Snagless Connector	Yes
STANDARDS & COMPLIANCE	
Product Certifications	UL Listed; cUL Listed
Product Compliance	CE (Europe); RoHS; IEEE 802.3at PoE+; REACH; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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