Cat6a 10G Snagless Shielded STP Ethernet Cable (RJ45 M/M), PoE, Black, 6 ft. (1.83 m)

MODEL NUMBER: **N262-006-BK**






Snagless Cat6a cable with Power over Ethernet (PoE) connects 10G equipment in your high-speed 10GBase-T network.

Features

High-Speed Cat6a STP Patch Cable Ideal for Your 10GBase-T Ethernet Network Designed for fast transmission and excellent signal quality, this six-foot Cat6a cable ensures peak performance throughout your local area network (LAN). It transmits 10 Gbps data, voice and video through high-speed 10G equipment, including network switches, modems, routers, adapters, hubs and patch panels. At 500 MHz, it reduces impedance and structural return loss compared to standard 100 MHz wire.

Supports Power over Ethernet to Save You Money and Give You More Installation Choices Because this Cat6a shielded cable supports PoE, it can supply the power to operate compatible PoE devices, such as security cameras, VoIP telephones, point-of-sale kiosks and access control devices. This saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device. It also helps you install PoE devices in areas far away from AC outlets, such as poles or ceilings.

Premium Protection from EMI/RFI Line Noise Helps Your Equipment Perform Better Various electromagnetic and radio sources found in virtually every home and business can cause disruptive interference. Known as EMI (electromagnetic interference) and RFI (radio frequency interference), this line noise is a common cause of performance problems. The N262-006-BK shields against disruptive line noise that can disturb your electronics and inflict hardware damage or data loss. This EMI/RFI filtering also helps your connected components perform better and last longer.

Snagless RJ45 Male Connectors Add Extra Protection During Installation The RJ45 connectors' snagless design protects the locking tabs from being damaged or broken off during installation. The ends are shielded to minimize near-end crosstalk (NEXT) levels. Integral strain relief gives the N262-006-BK extra flexibility, reduces stress and helps the cable move freely without cracking or breaking loose from the connector.

Highlights

- Cat6a STP patch cord rated for high-speed 10 Gbps communications
- Ideal for connecting 10G network switches, routers, hubs and other equipment
- Supports PoE to save you expense and effort of powering PoE devices individually
- Dispels EMI/RFI line noise that can destroy data and affect equipment performance
- Snagless RJ45 connectors prevent tabs from being damaged during installation

Applications

- Connect 10GBase-T networks or digital signage in a high-density data center
- Deliver power to PoE devices mounted in areas that are difficult to reach or have no electrical outlets
- Replace an old or missing RJ45 cable
- Provide universal connectivity for LAN network components, such as switches, servers, modems, routers, adapters, VoIP phones, security cameras and point-of-sale kiosks

Package Includes

- N262-006-BK Cat6a 10G-Certified Snagless Shielded STP Ethernet Cable (RJ45 M/M), Black, 6 ft.

Specifications

OVERVIEW	
UPC Code	037332256690

Technology	Cat6a; PoE
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
Cable Length (ft.)	6
Cable Length (m)	1.83
Cable Length (in.)	72
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	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
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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