Cat6a 10G Snagless Molded Slim UTP Ethernet Cable (RJ45 M/M), PoE, Black, 6 in. (15 cm)

MODEL NUMBER: **N261-S6N-BK**









Slim Cat6a cable connects critical components, such as servers, switches, routers and hubs, in high-density 10G Ethernet networks.

Highlights

- Cat6a UTP Ethernet patch cable rated for high-speed 10 Gbps communications
- Over 38% slimmer than standard Cat6a cables to increase airflow in full racks
- Easy to route around corners and through crowded cable management panels
- Allows installation of PoE devices in hard-to-reach areas or away from AC outlets
- Black jacket permits fast, easy identification in a crowded switch or patch panel

Package Includes

N261-S6N-BK Cat6a 10G Snagless Molded Slim UTP Ethernet Cable (RJ45 M/M), Black, 6 in. (15 cm)

Features

Cat6a Cable Ideal for Your High-Density 10 Gigabit Ethernet Network
This Cat6a 10G Ethernet cable with RJ45 connectors is recommended for connecting network components like printers, computers, copiers, routers, servers, modems, hubs and switches in high-density data centers and network closets. Designed for fast transmission and excellent signal quality, the N261-S6N-BK ensures peak performance throughout your LAN.

Supports Power over Ethernet to Save You Money and Give You More Installation Choices
Because this Cat6a 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.

Special Slim Design for Better Airflow and Easier Installation
This Cat6a UTP patch cord is more than 38% smaller in diameter than standard Cat6a cable. This increases airflow in tight spaces, which helps keep your equipment cool and properly functioning. It also cuts down on clutter in crowded racks and patch panels, and makes the cable easier to install around corners and through cable management panels.

Snagless RJ45 Male Connectors Add Extra Protection
The RJ45 connectors' snagless design protects the locking tabs from being damaged or broken off during installation. The contacts feature 50-micron gold plating to help ensure the most accurate signal transfer possible, improving near-end crosstalk (NEXT) performance to 500 MHz.

Black Jacket Helps Avoid Misidentification That Can Cause Costly Downtime
The cable has a black PVC jacket, which is easy to identify quickly in a crowded patch panel or switch and helps prevent the cable from becoming accidentally disconnected.

Premium Construction for Superior Performance
Manufactured from 28 AWG copper wire, the four-pair stranded cable is rated for speeds up to 10 Gbps. Integral strain relief gives the unshielded cable extra flexibility, reduces stress and helps the cable move freely without cracking or breaking loose from the connector.

Specifications

OVERVIEW	
UPC Code	037332276193
Technology	Cat6a; PoE
CONNECTIONS	
PoE Capability	15.4W (802.3af); 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 1 PoE (15.4W, IEEE 802.3af); Type 2 PoE+ (30W, IEEE 802.3at)
Connector Type	Molded; Snagless
Wiring Configuration	EIA/TIA 568B
Angled Connector	No
PHYSICAL	
Cable Jacket Color	Black
Cable Jacket Material	PVC
Cable Jacket Rating	CM
Cable Shielding	UTP
Cable Outer Diameter (OD)	3.8 mm
Number of Conductors	4 Pair
Conductor Material	Stranded Copper
Conductor Gauge	28 AWG
Cable Length (ft.)	0.5
Cable Length (m)	0.15
Cable Length (in.)	6
Cable Length (cm)	304.5
ENVIRONMENTAL	
Operating Temperature Range	-4° to 140°F (-20° to 60°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Operating Humidity Range	5% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 85% RH, Non-Condensing

COMMUNICATIONS	
Bandwidth per TIA Standard	500 MHz
Maximum Bandwidth as Tested	600 MHz
Network Compatibility	10 Gbps
IEEE Standards Supported	802.3ab; 802.3an; 802.3af; 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 802.3ab 1000Base-T; IEEE 802.3af PoE; IEEE 802.3an 10GBase-T; IEEE 802.3at PoE+; REACH; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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