Cat6a 10G Snagless F/UTP Ethernet Cable (RJ45 M/M), PoE, CMR-LP, Blue, 6 ft. (1.83 m)

MODEL NUMBER: **N261P-006-BL**






Cat6a cable with Power over Ethernet (PoE) connects 10G equipment, such as webcams and VoIP phones, in high-speed 10GBase-T networks.

Features

High-Speed Cat6a F/UTP (FTP) Patch Cable Ideal for Your 10GBase-T Ethernet Network This Cat6a F/UTP cable with RJ45 connectors transmits 10 Gbps data, voice and video through high-speed 10G equipment, including network switches, modems, routers, adapters, hubs and patch panels. Designed for fast transmission and excellent signal quality, this 6-ft. (1.83 m) blue cable ensures peak performance throughout your local area network (LAN). It reduces impedance and structural return loss, compared to standard 100 MHz wire.

Supports Power over Ethernet (PoE) to Cut Down on Expensive Power Supplies Because this Cat6a cable supports Type 4 PoE, it can supply up to 100W of 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.

Premium Protection from EMI/RFI and Other Noise Helps Your Equipment Perform Better Various electromagnetic and radio sources found in virtually every home and business can cause disruptive interference on the AC line. Known as EMI (electromagnetic interference) and RFI (radio frequency interference), this line noise is a common cause of performance problems. The F/UTP cable's foil shielding blocks 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. Near-end crosstalk (NEXT) levels are practically eliminated, so you don't have to worry about keeping your cables separated in crowded pathways or spend valuable time on field testing.

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. Integral strain relief gives the N261P-006-BL extra flexibility, reduces stress, and helps the cable move freely without cracking or breaking loose from the connector.

CMR-LP Certified for Cable Installations with Increased Power LevelsUL's Limited Power (LP) certification indicates the N261P-006-BL has been evaluated to handle the marked current under installation scenarios without exceeding the temperature rating of the cable. This CMR-LP-certified cable provides a simple way to prepare installations for increased power levels without having to worry about susceptible issues caused by excessive heat.

Color-Coded to Avoid Misidentification That Can Cause Costly Downtime This Cat6a F/UTP patch cable features a blue PVC jacket. The color-coding allows easy, fast identification in a crowded rack,

Highlights

- Cat6a F/UTP patch cord rated for high-speed 10 Gbps communications
- Certified Type 4 PoE cable saves 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
- Color-coded blue for fast, easy identification in a crowded rack or patch panel

Applications

- Connect 10GBase-T networks or digital signage in a high-density data center
- Deliver power to PoE devices, including security cameras and VoIP phones, mounted in areas that are difficult to reach or have no electrical outlets
- 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

- N261P-006-BL Cat6a 10G-Certified Snagless F/UTP Network Patch Cable (RJ45 M/M), Blue, 6-ft. (1.83 m)

patch panel or workstation and helps prevent the cable from becoming inadvertently disconnected.

Specifications

OVERVIEW	
UPC Code	037332242525
Technology	Cat6a; PoE
CONNECTIONS	
PoE Capability	100W (802.3bt)
Side A - Connector 1	RJ45 (MALE)
Side B - Connector 1	RJ45 (MALE)
Crossover Wiring	No
Connector Plating	Nickel
Contact Plating	Gold
PoE Type	Type 4 High-Power (100W, IEEE 802.3bt)
Connector Type	Molded; Snagless
Wiring Configuration	EIA/TIA 568B
Angled Connector	No
PHYSICAL	
Cable Jacket Color	Blue
Cable Jacket Material	PVC
Cable Jacket Rating	CMR-LP
Cable Shielding	F/UTP
Cable Outer Diameter (OD)	7.3 mm
Number of Conductors	4 Pair
Conductor Material	Solid Copper
Conductor Gauge	23 AWG
Cable Length (ft.)	6
Cable Length (m)	1.83
Cable Length (in.)	72
Cable Length (cm)	182.9
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)	0.13
Unit Dimensions (hwd / in.)	9.000 x 7.000 x 0.500

ENVIRONMENTAL	
Operating Temperature Range	14° to 140°F (-10° to 60°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Relative Humidity	0% to 90% RH, Non-Condensing
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	802.3an; 802.3bt
FEATURES & SPECIFICATIONS	
Antibacterial	No
IP68 Rated	No
Snagless Connector	Yes
STANDARDS & COMPLIANCE	
Product Certifications	UL Listed; cUL Listed
Product Compliance	CE (Europe); RoHS; IEEE 802.3an 10GBase-T; IEEE 802.3bt PoE++; REACH; UKCA; Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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