

Cat6a 10G Snagless Molded UTP Ethernet Cable (RJ45 M/M), PoE, Aqua, 6 ft. (1.8 m)

MODEL NUMBER: N261-006-AQ









Ethernet cable with Power over Ethernet (PoE) connects critical components, such as servers, switches, routers and hubs, in high-density 10G networks.

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 N261-006-AQ 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.

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.

Aqua Jacket Helps Avoid Misidentification That Can Cause Costly Downtime

The cable has an aqua 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 24 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

Highlights

- Cat6a UTP Ethernet cable rated for high-speed 10 Gbps communications
- Supports PoE to save you expense and effort of powering PoE devices individually
- Allows installation of PoE devices in hard-to-reach areas or away from AC outlets
- Snagless RJ45 connectors prevent tabs from being damaged during installation
- Aqua jacket permits fast, easy identification in a crowded switch or patch panel

Package Includes

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UPC Code	037332277817	
Technology	Cat6a; PoE	
PHYSICAL		
Cable Jacket Color	Aqua	
Cable Jacket Material	PVC	
Cable Jacket Rating	СМ	
Cable Shielding	UTP	
Cable Outer Diameter (OD)	6.0 mm	
Number of Conductors	4 Pair	
Conductor Material	Stranded Copper	
Conductor Gauge	24 AWG	
Cable Length (ft.)	6	
Cable Length (m)	1.83	
Cable Length (in.)	72	
Cable Length (cm)	30.5	
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	
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	
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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