Tripp Lite
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Cat8 25G/40G-Certified Snagless Shielded S/FTP Ethernet Cable (RJ45 M/M), PoE, White, 30 ft. (9.14 m)

MODEL NUMBER: **N272-030-WH**






Shielded Cat8 cable connects 25G/40G equipment in your top-of-the-line 40GBase-T data center.

Features

High-Speed Cat8 S/FTP Ethernet Cable Up to 4 Times Faster Than Cat6a This certified Cat8 cable transmits 40 Gbps data, voice and audio/video through high-speed 40G equipment, including network switches, modems, routers, adapters, hubs and patch panels. Not only is its 40 Gbps data transfer speed four times that of Cat6a cable, but this Cat8 cable also supports bandwidth up to 2 GHz (2000 MHz) for carrying information and streaming video with no lag.

Supports Power over Ethernet (PoE) to Cut Down on Power Supplies Because this Cat8 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. You can also install PoE devices in locations distant from power outlets, such as high on walls, ceilings or poles.

Premium Protection from EMI/RFI Line Noise Helps Your Equipment Perform BetterEMI (electromagnetic interference) and RFI (radio frequency interference) line noise is a common cause of performance problems. The 22 AWG S/FTP (shielded foiled twisted pair) 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 provides extra flexibility, reduces stress and helps the cable move freely without cracking or breaking loose from the connector.

Color-Coded to Avoid Misidentification That Can Cause Costly Downtime This Cat8 Ethernet cable features a durable white PVC jacket. The color-coding allows easy, fast identification in a crowded rack, patch panel or workstation, preventing the cable from becoming accidentally disconnected.

Highlights

- Certified Cat8 S/FTP Ethernet cord rated for 40 Gbps networks—4x faster than Cat6a
- 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
- White PVC jacket allows fast, easy identification in a crowded rack or workstation

Applications

- Connect 40GBase-T networks or digital signage in your office, school or retail business' high-density server room or data center
- Deliver power to PoE devices, including network switches, security cameras and wireless access points, mounted in areas that are difficult to reach or have no electrical outlets

Package Includes

- N272-030-WH Cat8 25G/40G-Certified Snagless Shielded Ethernet Cable (RJ45 M/M), White, 30 ft. (9.14 m)

Specifications

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OVERVIEW	
UPC Code	037332256362
Technology	Cat8
PHYSICAL	
Cable Jacket Color	White
Cable Jacket Material	PVC
Cable Jacket Rating	CM
Cable Shielding	S/FTP
Cable Outer Diameter (OD)	8.0mm
Number of Conductors	4 Pair
Conductor Material	Solid Copper
Conductor Gauge	22 AWG
Cable Length (ft.)	30
Cable Length (m)	9.15
Cable Length (in.)	360
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	1000 MHz
Maximum Bandwidth as Tested	1200 MHz
Network Compatibility	40 Gbps
IEEE Standards Supported	802.3bt
CONNECTIONS	
PoE Capability	60W (802.3bt)
Side A - Connector 1	RJ45 (MALE)
Side B - Connector 1	RJ45 (MALE)
Crossover Wiring	No
Connector Plating	Nickel
Contact Plating	Gold

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Connector Type	Snagless
Wiring Configuration	EIA/TIA 568B
FEATURES & SPECIFICATIONS	
IP68 Rated	No
Snagless Connector	Yes
Antibacterial	No
STANDARDS & COMPLIANCE	
Certification & Compliance	RoHS; REACH; IEEE 802.3bt PoE++
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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