

## Cat8 25G/40G Certified Snagless Shielded S/FTP Ethernet Cable (RJ45 M/M), PoE, White, 6 ft. (1.83 m), TAA

MODEL NUMBER: N272-006-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 Better** EMI (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 patch 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.

## Specifications

### Highlights

- Certified Cat8 S/FTP patch cord rated for 40 Gbps networks—4x faster than Cat6a
- Supports PoE to save you expense and effort of powering PoE devices individually
- Disperses 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

- N272-006-WH Cat8 25G/40G-Certified Snagless Shielded Ethernet Cable (RJ45 M/M), White, 6-ft. (1.83 m)



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| OVERVIEW                        |                                       |
|---------------------------------|---------------------------------------|
| UPC Code                        | 037332249753                          |
| Technology                      | PoE; Cat8                             |
| 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                                  |
| PoE Type                        | Type 3 PoE++/UPoE (60W, IEEE 802.3bt) |
| Connector Type                  | Snagless                              |
| Wiring Configuration            | EIA/TIA 568B                          |
| Angled Connector                | No                                    |
| PHYSICAL                        |                                       |
| Color                           | White                                 |
| Cable Jacket Color              | White                                 |
| Cable Jacket Material           | PVC                                   |
| Cable Jacket Rating             | CM                                    |
| Cable Shielding                 | S/FTP                                 |
| Cable Outer Diameter (OD)       | 8.0 mm                                |
| Number of Conductors            | 4 Pair                                |
| Conductor Material              | Solid Copper                          |
| Conductor Gauge                 | 22 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)            | 0.14                                  |
| Unit Dimensions (hwd / in.)     | 9.000 x 7.000 x 0.500                 |
| ENVIRONMENTAL                   |                                       |
| Operating Temperature Range     | 14° to 122°F (-10° to 50°C)           |



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|                                      |                                                                                |
|--------------------------------------|--------------------------------------------------------------------------------|
| Storage Temperature Range            | 5° to 140°F (-15° to 60°C)                                                     |
| Relative Humidity                    | 0-90% non-condensing                                                           |
| Operating Humidity Range             | 0% to 90% RH, Non-Condensing                                                   |
| Storage Humidity Range               | 0% to 90% RH, Non-Condensing                                                   |
| <b>COMMUNICATIONS</b>                |                                                                                |
| Bandwidth per TIA Standard           | 1000 MHz                                                                       |
| Maximum Bandwidth as Tested          | 1200 MHz                                                                       |
| Network Compatibility                | 40 Gbps                                                                        |
| IEEE Standards Supported             | 802.3bt                                                                        |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                                                |
| Antibacterial                        | No                                                                             |
| IP68 Rated                           | No                                                                             |
| Snagless Connector                   | Yes                                                                            |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                                                |
| Product Certifications               | UL Listed; cUL Listed                                                          |
| Product Compliance                   | CE (Europe); RoHS; IEEE 802.3bt PoE++; REACH; UKCA; Trade Agreements Act (TAA) |
| <b>WARRANTY &amp; SUPPORT</b>        |                                                                                |
| Product Warranty Period (Worldwide)  | Lifetime limited warranty                                                      |

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