# Cat8 40G Snagless SSTP Ethernet Cable (RJ45 M/M), PoE, Blue, 10 ft. (3.1 m)

MODEL NUMBER: **N272-F10-BL**



Cat8 cable with Power over Ethernet (PoE) connects critical components, such as servers and switches, in 40G Ethernet networks.

## Highlights

- Certified Cat8 SSTP Ethernet cable rated for 40 Gbps networks—4x faster than Cat6a
- Allows installation of PoE devices in hard-to-reach areas or away from AC outlets
- Dispels EMI/RFI line noise that can destroy data and affect equipment performance
- Snagless RJ45 connectors prevent tabs from being damaged during installation
- Blue jacket permits fast, easy identification in a crowded switch or patch panel

## Package Includes

N272-F10-BL Cat8 40G Snagless SSTP Ethernet Cable, Blue, 10 ft. (3.1 m)

## Features

**High-Speed Cat8 Cable Up to 4 Times Faster Than Cat6a for Your High-Density Network**
This certified Cat8 cable transmits 40 Gbps data, voice and audio/video signals through high-speed 40G equipment, such as high-speed switch-to-switch communication devices in your data center. Not only is its 40 Gbps data transfer speed four times that of Cat6a cable, but this Cat8 Ethernet cable also supports bandwidth up to 1200 MHz for carrying information and streaming video with no lag.

**Supports Power over Ethernet to Save You Money and Give You More Installation Choices**
Because this Cat8 shielded cable supports PoE, it can supply the power to operate compatible PoE devices, including network switches, security cameras, equipment sensors and wireless access points. 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.

**Premium Protection from EMI/RFI Line Noise Helps Your Equipment Perform Better**
The 26 AWG SSTP (screened shielded twisted pair) cable's screened 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.

**Blue Jacket Helps Avoid Misidentification That Can Cause Costly Downtime**
This Cat8 Ethernet cable features a durable blue PVC jacket, which is easy to identify quickly in a crowded patch panel or switch and helps prevent the cable from becoming accidentally disconnected.

# Specifications

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| **OVERVIEW** | |
| UPC Code | 037332281838 |
| Technology | PoE; Cat8 |
| **CONNECTIONS** | |
| PoE Capability | 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 2 PoE+ (30W, IEEE 802.3at) |
| Connector Type | Snagless |
| Wiring Configuration | EIA/TIA 568B |
| Connector Style | Straight |
| Angled Connector | No |
| **PHYSICAL** | |
| Cable Jacket Color | Blue |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | CM |
| Cable Shielding | SSTP |
| Cable Outer Diameter (OD) | 6.0 mm |
| Number of Conductors | 4 Pair |
| Conductor Material | Stranded Copper |
| Conductor Gauge | 26 AWG |
| Cable Length (ft.) | 10 |
| Cable Length (m) | 3.05 |
| Cable Length (in.) | 120 |
| Cable Length (cm) | 304.8 |
| 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 122°F (-10° to 50°C) |

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|---|---|
| Storage Temperature Range | -5° to 140° F (-15° to 60° 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 | 1000 MHz |
| Maximum Bandwidth as Tested | 1200 MHz |
| Network Compatibility | 40 Gbps |
| IEEE Standards Supported | 802.3at |
| **FEATURES & SPECIFICATIONS** | |
| Antibacterial | No |
| IP68 Rated | No |
| Snagless Connector | Yes |
| **STANDARDS & COMPLIANCE** | |
| Product Certifications | CAN/CSA-C22.2 No. 214-17 (Canada); UL 444 |
| Product Compliance | CE (Europe); IEEE 802.3at PoE+; REACH; RoHS; UKCA; WEEE |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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