

Cat6a Class EA STP Field-Termination Plug, 568A/568B, TAA

MODEL NUMBER: **N232-SHC6A-1**



Allows you to terminate Cat6a cables in the field quickly and easily without the need for specialized tools.

Features

RJ45 Cat6a Plug Designed for Field Installation

This Cat6a RJ45 shielded plug simplifies the installation of devices in an above-ceiling application where installing a face plate isn't practical or where outlets, jacks and patch cables must be plenum rated.

Modular Plug Terminated Link (MPTL) topology allows a Cat6a cable to be terminated to the N232-SHC6A-1, which then connects to a Type 3 or Type 4 PoE (Power over Ethernet) device, such as a WAP (Wireless Access Point) or surveillance camera.

Supports PoE++ Applications with up to 100W of Power

Connect high-power PoE devices such as video conferencing devices, laptops and flat screens, building management devices and more. The UL-compliant N232-SHC6A-1 is 4PPoE (PoE++) compatible and IEEE 802.3bt compliant for PoE applications up to 100 watts.

Assembles Easily with No Special Tools Required

The die-cast zinc plug is made for fast, reliable terminations in the field with just a wire stripper/cutter. It accommodates 22–27 AWG solid or stranded cabling and 6–9 mm cable jacket diameters. Ideal for assembling high-performance patch cords in a hurry, the N232-SHC6A-1 can be re-terminated as many as 20 times. An IDC cap and dust cap are included.

Premium Protection from EMI/RFI and Other Noise Helps Your Equipment Perform Better

The fully shielded metal housing blocks disruptive EMI and RFI 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.

A Must-Have for Modern Data Centers

The durable zinc alloy and nickel-plated composition ensures your connection is built to last. A locking cylinder screws into place to ensure the installed cable remains secured.

TAA-Compliant for GSA Schedule Purchases

The N232-SHC6A-1 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Highlights

- Designed for fast, reliable field terminations with no special tools in PoE applications
- Supports PoE++ and high-power PoE to save you the expense of powering PoE devices individually
- Accommodates 22–27 AWG solid or stranded cabling in 6–9 mm diameters
- Versatile and durable die-cast zinc plug can be re-terminated as many as 20 times
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

N232-SHC6A-1 Cat6a Class EA STP Field-Termination Plug

Specifications



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| OVERVIEW | |
|-----------------------------|---|
| UPC Code | 037332283382 |
| Product Type | RJ45 Plug |
| Technology | Cat6a; PoE |
| CONNECTIONS | |
| PoE Capability | 100W (802.3bt) |
| Side A - Connector 1 | 110 IDC |
| Side B - Connector 1 | RJ45 (MALE) |
| Contact Plating | Gold |
| PoE Type | Type 4 High-Power (100W, IEEE 802.3bt) |
| Wiring Configuration | EIA/TIA 568A; EIA/TIA 568B |
| Connector Style | Straight |
| PHYSICAL | |
| Color | Silver |
| Material of Construction | PC FR, Zinc-Alloy, POM, POM, SUS304 |
| Connector Color | Black |
| Cable Shielding | STP |
| Cable Outer Diameter (OD) | 6 ~ 9mm |
| Wire Gauge (AWG) | 27~22 AWG (reusable up to 5 times only for 27 AWG) |
| Termination Type | 110-type |
| Unit Dimensions (hwd / in.) | 0.663 x 1.850 x 0.476 |
| Unit Dimensions (hwd / cm) | 1.685 x 1.210 x 4.700 |
| Unit Dimensions (hwd / mm) | 16.85 x 12.10 x 47 |
| Housing | RJ45 Plug Housing: Zinc-Alloy, Nickel Plated; IDC Housing Cover: PC FR; C-Ring: POM |
| ENVIRONMENTAL | |
| Operating Temperature Range | 14° to 140°F (-10° to 60°C) |
| Storage Temperature Range | -40° to 158°F (-40°C to 70°C) |
| Relative Humidity | 10% to 85% RH |
| COMMUNICATIONS | |
| Network Compatibility | 10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit) |
| IEEE Standards Supported | 802.3bt |
| FEATURES & SPECIFICATIONS | |



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|-------------------------------------|--|
| Cable Compatibility | UTP 27~22AWG Cat6a Patch Cables (6~9mm OD); 27AWG reusable up to 5 times |
| Ethernet Support | Yes |
| Recommended Category Cable | Cat6a (STP) |
| STANDARDS & COMPLIANCE | |
| Protection Rating | IP20 |
| Product Certifications | CAN/CSA C22.2 No. 182.4-M90 (Canada); UL 1863; UL 2043 |
| Product Compliance | CE (Europe); RoHS; UKCA; Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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