

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

MODEL NUMBER: N232-USC6A-1



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

Features

Tool-Free RJ45 Cat6a Plug Designed for Field Installation

This Cat6a RJ45 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. The clamshell design allows a Cat6a cable to be terminated to the N232-USC6A-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-USC6A-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 N232-USC6A-1 is made for fast, reliable terminations in the field with just a wire stripper/cutter. It accommodates 23–27 AWG solid or stranded cabling and 5.5–8.5 mm cable jacket diameters. Ideal for assembling high-performance patch cords in a hurry, the N232-USC6A-1 can be re-terminated as many as 20 times.

A Must-Have for Modern Data Centers

The glass-reinforced nylon construction ensures your connection is built to last. The IDC module can be installed and uninstalled up to five times. A locking cylinder screws into place to ensure the installed cable remains secured.

TAA-Compliant for GSA Schedule Purchases

The N232-USC6A-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 expense of powering PoE devices individually
- Accommodates 23–27 AWG solid or stranded cabling in 5.5–8.5 mm diameters
- Versatile glass-reinforced nylon 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-USC6A-1 Cat6a Class EA UTP Field-Termination Plug

Specifications

OVERVIEW

| | |
|--------------------------------------|--|
| UPC Code | 037332283207 |
| Technology | Cat6a |
| PHYSICAL | |
| Color | Black |
| Material of Construction | Nylon, FR, Phosphor Bronze + Tin Plating |
| Connector Color | Black |
| Cable Shielding | UTP |
| Cable Outer Diameter (OD) | 5.5-8.5mm |
| Wire Gauge (AWG) | 27~23 AWG (reusable up to 5 times only for 27AWG) |
| Termination Type | 110-type |
| Unit Dimensions (hwd / in.) | 0.663 x 1.850 x 0.460 |
| 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: PA66+GF; IDC Housing Cover: PC FR |
| ENVIRONMENTAL | |
| Operating Temperature Range | 14° to 140°F (-10° to 60°C) |
| Storage Temperature Range | -40° to 158°F (-40° 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 |
| CONNECTIONS | |
| PoE Capability | 100W (802.3bt) |
| PoE Supported Ports | 1 |
| 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 |
| FEATURES & SPECIFICATIONS | |
| Cable Compatibility | UTP 27~23AWG Cat6a Patch Cables (5.5~8.5mm OD); 27AWG reusable up to 5 times |

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| Ethernet Support | Yes |
| Recommended Category Cable | Cat6a (UTP) |
| Panel Applications | Ethernet |
| 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 |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |