

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



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Product Type	RJ45 Plug
Technology	Cat6a
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
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
FEATURES & SPECIFICATIONS	
Cable Compatibility	UTP 27~23AWG Cat6a Patch Cables (5.5~8.5mm OD); 27AWG reusable up to 5 times
Ethernet Support	Yes



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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; Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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