Cat8 STP Class 1 Field-Termination Plug, 568A/568B, TAA

MODEL NUMBER: **N233-SHC8-1**



Allows you to terminate Cat8 patch cables quickly and easily in your data center or cloud computing application without using a specialized tool.

Features

Tool-Free Cat8 Field-Terminated Plug Designed for Simple Installation in Data Centers
Terminate your Cat8 patch cables without the time, effort and expense of a specialized tool, and wire the IDC module for T568A or T568B without a crimp tool. The N233-SHC8-1 is essential for future-proofing your Gigabit or 10G applications with more affordable, more flexible 25G and 40G Ethernet Cat8 premise wiring in data center, cloud computing or PoE++ applications.

Supports PoE++ Applications with up to 100W of Power
Connecting PoE devices saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device, such as video conferencing devices, laptops and flat screens, building management devices and more. The UL-certified N233-SHC8-1 is 4PPoE (PoE++) compatible and IEEE 802.3bt compliant for PoE applications up to 100 watts.

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. The IDC module is compatible with 22–27 AWG cables and can be installed and uninstalled up to 20 times. A locking cylinder screws into place to ensure the installed cable remains secure.

TAA-Compliant for GSA Schedule Purchases
The N233-SHC8-1 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, 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

System Requirements

- Compatible with Cat8 snagless shielded Ethernet cabling up to 30 m (98.4 ft.)
- Intended for 25GBASE-T and 40GBASE-T data center and cloud computing applications

Package Includes

N233-SHC8-1 Cat8 STP Class 1 Field-Termination Plug, 568A/568B

Specifications

OVERVIEW	
UPC Code	037332282231

Product Type	RJ45 Plug
Technology	Cat8
Host Connector	110 IDC
CONNECTIONS	
PoE Capability	100W (802.3bt)
PoE Power Budget (Watts)	100
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)
Ethernet Interface	25GBASE-T, 40GBASE-T (Up to 30 Meters)
Wiring Configuration	EIA/TIA 568A; EIA/TIA 568B
PHYSICAL	
Color	Silver
Cable Shielding	STP
Cable Outer Diameter (OD)	6-9mm
Wire Gauge (AWG)	22-27 AWG (reusable up to 5 times only for 27AWG)
Housing Color	Silver
Termination Type	110-type; Punchdown
Unit Dimensions (hwd / in.)	0.595 x 2.350 x 0.595
Unit Dimensions (hwd / cm)	1.512 x 1.400 x 5.970
Unit Dimensions (hwd / mm)	15.12 x 14 x 59.70
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 Gbps; 25 Gbps; 40 Gbps
Network Speed Details	Supports 10GBASE-T (10G Ethernet), 25GBASE-T (25G Ethernet) and 40GBASE-T (40G Ethernet) up to 30 Meters (98.4 ft.)
IEEE Standards Supported	802.3bt
FEATURES & SPECIFICATIONS	
Network Speed Support	25 Gbps; 40 Gbps

DC Current Rating	1.5A
Cable Compatibility	Cat8 (STP)
IP20 Rated	Yes
Ethernet Support	Yes
Recommended Category Cable	Cat8 (STP)
Tools Necessary	No
Keystone Jacks	No
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); RoHS; UKCA; Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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