Cat8 STP Shielded Tool-Free Keystone Jack, 568A/568B, TAA

MODEL NUMBER: **N238-SHC8-TF-1**

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

Features

Tool-Free Cat8 Keystone Jack Designed for Simple Installation in Data Centers
Terminate your Cat8 network cables without the time, effort and expense of a punch-down tool, and wire the 110 IDC module for T568A or T568B without a crimp tool. The N238-SHC8-TF-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. It is compatible with surface-mount boxes and other hardware, such as N082-012-WH (sold separately).

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-compliant N238-SHC8-TF-1 is 4PPoE (PoE++) compatible and IEEE 802.3bt compliant for PoE applications up to 100 watts. It is also specifically designed to prevent spark-gap erosion that degrades the plug and jack contacts over time and can negatively influence data and/or power transmission capabilities.

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 application is built to last. The 110 IDC module is compatible with 23–27 AWG cables and can be installed and uninstalled without tools.

TAA-Compliant for Schedule Purchases
The N238-SHC8-TF-1 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other GSA federal procurement contracts.

Specifications

Highlights

- Designed for fast, reliable terminations with no punch-down tool in PoE applications
- Supports PoE++ and high-power PoE to save expense of powering PoE devices individually
- Specially designed to prevent spark-gap erosion that can affect transmission
- Dispels EMI/RFI line noise that can destroy data and affect equipment performance
- 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

N238-SHC8-TF-1 Cat8 STP Shielded Tool-Free Keystone Jack

OVERVIEW	
UPC Code	037332282217
Product Type	RJ45 Keystone Jack
Technology	Cat8
Host Connector	110 IDC

NETWORK	
Network Ports	RJ45 (FEMALE)

INPUT	
Input Plug Type	RJ45

CONNECTIONS	
PoE Capability	100W (802.3bt)
PoE Power Budget (Watts)	100
Side A - Connector 1	110 IDC
Side B - Connector 1	RJ45 (MALE)
PoE Type	Type 4 High-Power (100W, IEEE 802.3bt)
Ethernet Interface	10GBASE-T, 25GBASE-T, 40GBASE-T (Up to 30 Meters)
Wiring Configuration	EIA/TIA 568A; EIA/TIA 568B

PHYSICAL	
Color	Silver
Cable Outer Diameter (OD)	5.5 ~ 8.5mm
Wire Gauge (AWG)	27~23 AWG
Termination Type	110-type; Punchdown
Unit Dimensions (hwd / in.)	0.849 x 1.498 x 0.669
Unit Dimensions (hwd / cm)	2.167 x 1.7 x 3.806
Unit Dimensions (hwd / mm)	21.57 x 17 x 38.06

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	25 Gbps; 40 Gbps
IEEE Standards Supported	802.3bt

FEATURES & SPECIFICATIONS

Network Speed Support	10 Gbps; 25 Gbps; 40 Gbps
DC Current Rating	1.5A
Cable Compatibility	Cat8
IP20 Rated	Yes
Ethernet Support	Yes
Recommended Category Cable	Cat8
Tools Necessary	No
Keystone Jacks	Yes

STANDARDS & COMPLIANCE

Product Compliance	CE (Europe); RoHS; Trade Agreements Act (TAA); UKCA

WARRANTY & SUPPORT

Product Warranty Period (Worldwide)	Lifetime limited warranty