

# Cat6 Keystone Jack - 4PPoE Compliant, 110/Krone, 568A/B, RJ45 Ethernet, Black, TAA

MODEL NUMBER: N238-001-BK-6A



Allows easy 110 or Krone termination of Cat6a network cable at a patch panel, wall plate or outlet box.

## Features

### Simplifies Cat6a Cable Termination in Your High-Speed Network Installation

This Cat6a keystone jack snaps into any standard patch panel, wall plate or outlet box to terminate a Cat6a cable. Not only will adding keystone jacks to your high-speed network give your installation a clean professional look, they also strengthen it by ensuring all future connections are effortless. Just plug a Cat6a cable into the N238-001-BK-6A RJ45 Ethernet port, and use a 110 or Krone punch-down tool to terminate the cable.

### Supports Type 4 Power over Ethernet Plus (PoE++) to Give You More Installation Choices

Because this Cat6a keystone jack supports Type 4 PoE++ (4PPoE), it can help supply the power to operate compatible PoE devices, such as security cameras, VoIP telephones, point-of-sale kiosks and access control devices. This saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device. It also helps you install PoE devices in areas far away from AC outlets, such as poles or ceilings.

### Meets or Exceeds Current Standards for Performance

Recommended for all Cat6a cabling environments, the N238-001-BK-6A is UL-certified and fully compliant with EIA/TIA Cat6a specifications. The keystone jack features a uniquely patterned printed circuit board designed for 650 MHz performance. Dual color-coded labeling is present for both 568A and 568B (258A) wiring schemes. It's an ideal keystone jack for residential, commercial and data center in-wall ports or networking closets for installers that opt to terminate their own keystones.

### TAA-Compliant for GSA Schedule Purchases

The N238-001-BK-6A is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

## Specifications

OVERVIEW	
UPC Code	037332284839
Product Type	RJ45 Keystone Jack

## Highlights

- Supports Type 4 PoE++ to save you expense of powering PoE devices individually
- Krone and 110 punchdown provide flexibility for both North American and European installations
- Dual-color-coded labeling for 568A/B wiring schemes allows fast, easy identification
- Works with all Cat6a cables and meets all EIA/TIA Cat6a requirements
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

## System Requirements

- Compatible with all Cat6a cables
- Meets all EIA/TIA Cat6a requirements

## Package Includes

- N238-001-BK-6A Cat6 Keystone Jack
- Installation instructions



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Technology	Cat6a
Host Connector	110 IDC; KRONE IDC
<b>VIDEO</b>	
HDR Support	No
3D Video Supported	No
<b>NETWORK</b>	
Network Ports	RJ45 (FEMALE)
<b>INPUT</b>	
Plug Type	RJ45 (Male)
<b>CONNECTIONS</b>	
Number of Ports	1
Ports	1
PoE Capability	100W (802.3bt)
Side A - Connector 1	110 IDC; KRONE IDC
Side B - Connector 1	RJ45 (FEMALE)
PoE Type	Type 4 High-Power (100W, IEEE 802.3bt)
<b>PHYSICAL</b>	
Color	Black
Material of Construction	IDC HOUSING: PC FR; FRONT HOUSING: ABS+PC
Connector Color	Black
Shipping Dimensions (hwd / in.)	7.09 x 4.33 x 0.50
Shipping Dimensions (hwd / cm)	18.01 x 11.00 x 1.27
Shipping Weight (lbs.)	0.03
Shipping Weight (kg)	0.01
Unit Dimensions (hwd / in.)	0.870 x 0.670 x 1.230
Unit Dimensions (hwd / mm)	20.83 x 31.13 x 17
<b>ENVIRONMENTAL</b>	
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, NON-CONDENSING
<b>COMMUNICATIONS</b>	
Maximum Data Rate	10 Gbps



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Network Compatibility	1 Gbps (Gigabit); 10 Gbps
<b>FEATURES &amp; SPECIFICATIONS</b>	
DC Current Rating	1.5A
Cable Compatibility	Cat6a
Ethernet Support	Yes
Recommended Category Cable	Cat6a
Tools Necessary	Yes
Keystone Jacks	Yes
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	CAN/CSA C22.2 No. 182.4-M90 (Canada); UL 1863
Product Compliance	CE (Europe); IEEE 802.3bt PoE++; RoHS; Trade Agreements Act (TAA); UKCA
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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