



# NovalIndus IP68 Industrial Keystone Jack, Category 5e Unshielded with Strain Relief



## Product Part Number

N033.C5EUN(SR)

## Product Description

The **NovalIndus IP68 Industrial Keystone Jack** is a rugged RJ45 connector designed for **Category 5e** Ethernet networks in industrial and outdoor environments. With unshielded construction and **strain relief**, this keystone jack ensures reliable, high-speed data transmission and durability in demanding conditions. Featuring **IP68-rated** protection, it is fully dust-tight and waterproof, providing long-lasting, secure connections in challenging applications. Ideal for automation systems, outdoor networks, and industrial settings, it delivers stable performance with minimal maintenance.

## Product Features

- **Industrial-Grade Protection** : IP68 compliant for dust-tight and waterproof performance.
- **Category 5e Performance** : Supports 1 Gbps Ethernet for stable and reliable data transmission in non-shielded installations.
- **Unshielded Design** : Optimized for installations where electromagnetic interference (EMI) protection is not necessary, offering cost-effective networking.
- **Flame-Retardant Construction** : Built with UL94V-0 rated material for enhanced safety.
- **Durable & Rugged Build** : Resistant to vibration, UV exposure, extreme temperatures, and harsh environments.
- **Safety Certified** : UL 1863 Safety Listed for secure and dependable operation.
- **Integrated Strain Relief** : Ensures secure and durable cable retention, reducing wear and tear.
- **Easy Installation** : Standard keystone jack design for seamless integration into industrial setups.





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## Category 5e Keystone Jack Specification

Electrical Insulation Resistance	500 MΩ min. @ 100V DC
Dielectric Withstanding Voltage	1000V DC or AC Peak Contact to Contact @ 60Hz for 1 minute
Spring Wire Contact Resistance	20 mΩ Max.
IDC Contact Resistance	2.5 mΩ Max.
Rentention	50N (11 lbf) for 60s
Insertion / Extraction Life	750 Cycles Minimum
IDC Wire Gauge	Re-usable IDCs can be terminated 20 times with wire from 22~24 AWG
Housing	High-impact, Flame Retardant Plastic, UL 94V-0
Spring Wire	Phosphor Bronze Alloy Plated with 50 micro-inch of gold over 70 micro-inch of Nickel
IDC Terminal	Phosphor Bronze Alloy Plated with 100 micro-inch 100% Sn Alloy

## Ordering Information

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