

Industrial CAT6 Shielded IP67 Panel-Mount RJ45 Jack

Structured Cabling / Waterproof Connectors

Industrial shielded CAT6 RJ45 jack with rear 110 punch-down termination and IP67 protection for chassis, watertight enclosures and industrial wall plates. Terminates solid network cable directly at the panel, providing a shielded front port sealed against water and dust.



**JACK RJ45
INDUSTRIAL CAT6**
Blindado con terminación 110 • Protección IP67

KG-RJ45-IW-C6-S-JK

Note

KG-RJ45-IW-C6-S-JK

Product Type

Industrial RJ45 Jack for Panel / Chassis Mounting

Network Category

CAT6 / Class E (ANSI/TIA-568-C.2)

Key features

- Rear 110 Punch-Down Termination: Allows direct, secure termination of 22-26 AWG solid twisted-pair cable.
- IP67 Panel Protection: Watertight sealing of the chassis or box cutout using an O-ring gasket and rear nut.
- 50-Micron Gold on Pins: Superior transmission performance for Gigabit Ethernet and PoE / PoE+ power.
- Full 360° Shielding: Complete protection against electromagnetic interference in noisy environments.
- Front Cap with Retainer: Keeps the female port protected when not in use.
- 5-year warranty: Long-term reliability for integrators and mission-critical installations.

Technical specifications

Parameter	Specification
Note	KG-RJ45-IW-C6-S-JK
Product Type	Industrial RJ45 Jack for Panel / Chassis Mounting
Network Category	CAT6 / Class E (ANSI/TIA-568-C.2)
Front Interface	Shielded RJ45 Female (8P8C)

Technical specifications

Parameter	Specification
Rear Termination	Type 110 punch-down block (22-26 AWG)
Shielding Type	STP (Shielded / Continuous Metal Shielding)
Protection Rating	IP67 (Dust-tight and temporary immersion up to 1m)
Contact Plating	Phosphor bronze with 50-micron gold plating (50 µin)
Durability / Cycles	≥ 750 insertion cycles
Operating Temperature	-10 °C to +60 °C
Body Material	UV-resistant engineering polymer with panel mounting nut
Warranty	5 years

Applications

Termination in Outdoor Boxes and Cabinets

Fixed backbone cable termination in NEMA junction boxes and outdoor access boxes.

Security and CCTV Junction Boxes

Sealed front port for quick service of pole-mounted cameras and domes.

Industrial Machinery and Panels

Interconnection of PLCs, HMI displays and Ethernet modules in industrial environments.

Cabinet Service Access

Bring the Ethernet diagnostic connection outside a compatible enclosure to connect service equipment without opening it; close and seal the port afterward.

Warranty

KONGIA 5-year warranty.

Declared compliance

RoHS · ISO 9001 · REACH · CE Compliant