

Cat6 STP Shielded IP68 Panel Mount RJ45 Female (8P8C) to Female (8P8C) Coupler with Housing and Tethered Cap

Structured Cabling / Waterproof Connectors

Cat6 STP panel coupler with RJ45 female 8P8C ports, PA66 housing, gold-plated copper contacts and retained cap. IP68 When Fully Closed; specified cable range of 4-14 mm with a compatible seal.



KG-RJ45-IW-C6-S-CP

Product type

Waterproof RJ45 coupler for panel mounting

Network category

Cat6

Shielding

STP / Shielded

Key features

- Cat6 STP Female-to-Female: Connects two RJ45 8P8C plugs and maintains a shielded channel configuration with suitable components.
- Panel Mounting: Threaded body and gasket for integrating the Ethernet interface into a compatible plate or enclosure.
- IP68 Protection: Housing, seals and closure protect the connection when correctly assembled.
- Retained Cap: The cap remains attached to the module to cover the port when disconnected.
- PA66 and Gold-Plated Contacts: PA66 nylon housing with UL94 V-0 material rating and gold-plated copper contacts.
- Installation with Compatible Plugs: Connection without IDC punch-down
- check plug and boot clearance and insert fit around the cable.

Technical specifications

Parameter	Specification
Product code	KG-RJ45-IW-C6-S-CP
Product type	Waterproof RJ45 coupler for panel mounting

Technical specifications

Parameter	Specification
Network category	Cat6
Shielding	STP / Shielded
Connection Interface	RJ45 Female (8P8C) to RJ45 Female (8P8C)
Number of contacts	8 per RJ45 port
Housing material	PA66 nylon
Specified material rating	UL94 V-0; applies to the material, not UL certification of the complete product
Contact material	Gold-plated copper
Specified cable outside diameter	4-14 mm; select a compatible sealing insert and check closure around the jacket
Mounting	Panel / feed-through with threaded mounting and gasket
Cable connection	Compatible preterminated RJ45 plugs; no IDC termination in the coupler
Locking system	Threaded housing, sealing insert, cable gland and retained protective cap
Color	Black with blue gaskets
Protection rating	IP68 with compatible mounting and closure fully sealed
Sealing scope	An open port or one connected to a conventional plug without watertight closure does not form an IP68 connection; protect all exposed interfaces
Component rated current	2.4 A
Electrical scope	The current value does not certify a PoE class or authorize mains power in RJ45
Shield continuity	Use compatible shielded cable and plugs and maintain system grounding
Sales unit	1 complete assembly
Individual package dimensions	10 × 5 × 5 cm
Gross weight per packaged unit	0.050 kg
Warranty	5 years

Applications

Outdoor Networks and CCTV

Ethernet interconnection in panels and boxes with all exposed interfaces correctly sealed.

Industrial Automation

Passive network equipment connection in compatible enclosures, maintaining shield continuity.

Communications in Damp Environments

Integration into protected equipment and boxes; does not imply marine certification or permanent underwater use.

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.

Packaging & contents

1 assembly with RJ45 female-to-female panel module, threaded mounting, gasket, protective housing, cable gland nut, sealing insert and tethered cap. Individual packaging: 10 × 5 × 5 cm. Gross weight: 0.050 kg. Ethernet cables, plugs, mounting plate and equipment not included.

Warranty

KONGIA 5-year warranty.

Declared compliance

RoHS · ISO 9001 · REACH · CE Compliant · IP68