105 mm Cat6 Shielded IP68 RJ45 Female (8P8C) to RJ45 Female (8P8C) Inline Coupler, PA66

Structured Cabling / Waterproof Connectors

Cat6 STP coupler, 105 mm, with two RJ45 female 8P8C ports, PA66 housing and green gaskets. IP68 protection when fully closed; parts are slid onto the cable before crimping the plug.

KG-RJ45-CP-C6-WP-M20-A

Brand
KONGIA

Product type
Inline waterproof coupler, compact 105 mm version

Network category
Cat6

Key features

- Compact 105 mm Format: A distinct reference for inline Ethernet connections, with black housing and green gaskets.
- Two RJ45 Female Ports: Eight-contact Cat6 interconnection for plugs precrimped onto each cable.
- IP68 Protection: Threaded closure, O-rings and rubber inserts
- requires correct assembly and sealing.
- PA66 Nylon Housing: Separable protective enclosure for access to the central module during assembly.
- Defined Assembly Sequence: First slide the parts onto the cable, then crimp the RJ45 plug.
- Individual packaging: Complete assembly in 11 × 3 × 3 cm packaging with a gross weight of 40 g.

Technical specifications

Parameter	Specification
Product code	KG-RJ45-CP-C6-WP-M20-A
Brand	KONGIA
Product type	Inline waterproof coupler, compact 105 mm version
Network category	Cat6

Technical specifications

Parameter	Specification
Connection Interface	RJ45 Female (8P8C) to RJ45 Female (8P8C)
Contacts	8 per RJ45 port
Shielding	STP, according to the product identification in the reference datasheet
Housing material	PA66 nylon
Shape	Cylindrical
Color	Black housing and green outer gaskets
Locking system	Threaded housings and nuts at both ends
Sealing components	O-rings and rubber inserts
Protection rating	IP68 with the assembly fully assembled and sealed around compatible cables
Protection conditions	Does not cover open ports or incomplete assembly; does not mean unlimited immersion or pressure washing
Overall length	105 mm, according to the supplied drawing
Central module length	29 mm, according to the supplied drawing
Cable preparation	Slide the nut, sealing insert and housing onto the cable before crimping the RJ45 plug
Termination	RJ45 plug crimped onto the cable, connected to the female module; no IDC terminals in the coupler
Mounting	Inline connection between two Ethernet cables; not a Keystone module
Compatibility	RJ45 8P8C cables and plugs compatible with housing clearance and seal fit around the jacket
Shield continuity	Use compatible shielded cable and plugs and maintain system grounding
Sales unit	1 complete assembly
Individual package dimensions	11 × 3 × 3 cm
Gross weight per packaged unit	0.040 kg
Warranty	5 years

Applications

Video Surveillance and CCTV
Ethernet cable joining at connection points exposed to dust and moisture, with the assembly correctly sealed.

Communications Networks
Passive inline joints for RJ45 equipment and installation maintenance.

Equipment Integration
Ethernet connection of routers, printers and compatible equipment with cable preparation during assembly.

Existing Cable Run Extension
Join two preterminated sections when equipment location changes, checking plug dimensions, total link length and cable entry closure.

Packaging & contents

1 complete coupler with RJ45 female-to-female module, two protective housings, two locking nuts, rubber inserts and sealing gaskets. Individual packaging: 11 × 3 × 3 cm. Gross weight: 0.040 kg. Ethernet cable, RJ45 plugs and crimping tool not included.

Warranty

KONGIA 5-year warranty.

Declared compliance

RoHS · ISO 9001 · REACH · CE Compliant · IP68