Cat6A UTP Unshielded IP68 RJ45 Female (8P8C) to Female (8P8C) Inline Coupler, 120 mm

Structured Cabling / Waterproof Connectors

Cat6A UTP IP68 coupler with two RJ45 female 8P8C ports. PA66 housing of 120 × 28 mm, orange rings and sealing for 4.5–7.5 mm cable. Compatible with Cat5e, Cat6 and Cat6A.

KG-RJ45-CP-C6A-WP

Product type
Inline waterproof coupler

Network category
Cat6A

Connection Interface
RJ45 Female (8P8C) to RJ45 Female (8P8C)

Key features

- RJ45 Female-to-Female: Joins two Ethernet cables with 8P8C plugs without IDC termination inside the coupler.
- IP68 When Fully Closed: Threaded bodies, gaskets and cable glands protect the connection against dust and water when correctly assembled.
- Cat6A and Backward Compatibility: Supports Cat6A, Cat6 and Cat5e connections
- the link retains the performance of the lowest-category component.
- Assembly with Preterminated Plugs: Shown 17.5 mm opening for compatible plugs and boots
- recrimping is unnecessary if the parts can pass through.
- 120 mm Format: Black PA66 nylon body, 28 mm outside diameter and orange rings.
- Cable of 4.5–7.5 mm: Sealing around the outer jacket at both ends for an organized installation.

Technical specifications

Parameter	Specification
Product code	KG-RJ45-CP-C6A-WP
Product type	Inline waterproof coupler
Network category	Cat6A

Technical specifications

Parameter	Specification
Connection Interface	RJ45 Female (8P8C) to RJ45 Female (8P8C)
Shielding	UTP / Unshielded
Number of contacts	8 per RJ45 port
Housing material	PA66 nylon
Contact material	Copper
Locking system	Threaded bodies, sealing gaskets and cable glands at both ends
Color	Black with orange rings
Assembly dimensions	120 × 28 mm (length × outside diameter)
Cable outside diameter	4.5–7.5 mm
Shown pass-through opening	17.5 mm; check the total plug and boot dimensions before assembly
Compatibility	Cat5e, Cat6 and Cat6A cables with RJ45 8P8C plugs and compatible dimensions
Category performance	Cat6A: up to 10 Gbps / 500 MHz; subject to complete channel performance
Protection rating	IP68 with the assembly fully assembled and both cable entries correctly sealed
Conditions of use	Does not mean unlimited immersion; do not use with open ports or damaged seals
Installation	Connection of compatible preterminated RJ45 plugs; no IDC termination in the coupler
Component rated current	1.5 A
Component rated voltage	125 V
Scope of electrical values	Component data; do not authorize mains power in RJ45 or certify a PoE class
Sales unit	1 complete coupler
Individual package dimensions	15 × 5 × 5 cm
Gross weight per packaged unit	0.060 kg
Warranty	5 years

Applications

IP video surveillance
Protected Ethernet cable joining in camera installations with compatible cable and sealing.

Networks and telecommunications
Link interconnection and maintenance in dusty and damp environments.

Equipment Integration
Ethernet device connection using preterminated plugs of compatible dimensions.

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 Cat6A RJ45 female-to-female coupler with protective bodies, locking nuts and sealing gaskets. Individual packaging: 15 × 5 × 5 cm. Gross weight: 0.060 kg. Cables and equipment shown in the images illustrate installation and are not included.

Warranty

KONGIA 5-year warranty.

Declared compliance

RoHS · ISO 9001 · REACH · CE Compliant · IP68