

M20 Cat6 RJ45 Female-to-Female Panel Connector with Protective Housing and Cap

Structured Cabling / Waterproof Connectors

Provides an RJ45 port accessible from outside a cabinet and a rear connection with protective housing and cable entry. The tethered cap protects the front socket when closed. Used to bring a network connection to an equipment box wall.



**CONECTOR DE PANEL
CAT6 RJ45**
M20 • IP68

KG-RJ45-CP-C6-WP-M20-B02

Category

Cat6

Interface

RJ45 female (8P8C) to RJ45 female (8P8C)

Contacts

8P8C

Key features

- Panel with Rear Protection: Provides an RJ45 port accessible from outside a cabinet and a rear connection with protective housing and cable entry.
- Eight RJ45 Contacts: Ethernet conductor interconnection through the selected variant's module.
- Closure and Sealing: Seat the gaskets and tighten the closure around the compatible cable jacket.

Technical specifications

Parameter	Specification
Product code	KG-RJ45-CP-C6-WP-M20-B02
Category	Cat6
Interface	RJ45 female (8P8C) to RJ45 female (8P8C)
Contacts	8P8C
Mounting	Cabinet or box panel, with threaded mounting
Mechanical family	M20

Technical specifications

Parameter	Specification
Color	Black with green gaskets
Housing	PA66 nylon
Sealing	O-rings and closure components
Protection	IP68 stated for the sealed configuration; requires complete assembly and compatible components
Connection	Passive; does not amplify or regenerate the signal
Sales unit	1 assembly
Cable diameter	1.5–4.5 mm or 4.5–7.5 mm, depending on the fitted sealing insert
Manufacturer-stated temperature	–40 °C to +85 °C
Manufacturer-stated durability	500 connection cycles
Warranty	5 years

Applications

Control Cabinets

Accessible network port for connection and maintenance.

Equipment Boxes

Ethernet entry with cable closure and cap for the unused port.

Workshop Test Stations

Add an accessible RJ45 connection to a test panel to avoid repeatedly handling the equipment's internal port.

Service Interface Replacement

Replace a module in an existing box after verifying thread, panel thickness and available rear space.

Packaging & contents

1 RJ45 female-to-female panel module with tethered cap, rear housing, entry nut and sealing components. Ethernet cable not included.

Warranty

KONGIA 5-year warranty.

Declared compliance

RoHS · ISO 9001 · REACH · CE Compliant