INLINE® PATCH CABLE COUPLING

RJ45 Cat.6A, IP68, for industry, with dust cap

- **Highest protection class IP68:** The fully shielded RJ45 connector offers reliable protection against water and dust in demanding outdoor applications.
- **Industrial-grade design:** The UV-resistant housing and temperature range from -40 °C to 85 °C enable use in extreme conditions.
- **Universal compatibility:** Compatible with standard RJ45 patch cables with a cable diameter of 3 to 8 mm - for maximum flexibility.
- **High data transfer rate:** Supports transfer speeds of up to 10Gb/s for modern network requirements.
- **Simple screw connection system:** Two threaded connections enable secure installation without special tools.

The InLine® Cat.6A patch cable socket is the ideal solution for industrial network connections in outdoor areas. With its IP68 protection class, it ensures reliable performance even under extreme weather conditions. The robust, UV-resistant housing permanently protects the sensitive RJ45 connection from water, dust, and temperature fluctuations.

Thanks to its industrial-grade design, the jack is ideal for applications in production facilities, on construction sites, or in telecommunications systems. Its ease of use is impressive in everyday use: Two threads enable tool-free, secure installation. Standardized RJ45 patch cables with a cable diameter of 3 to 8 mm can be easily integrated.

Technologically, the coupling impresses with its performance: it enables data rates of up to 10Gb/s, reliably meeting even modern IT and communication requirements. The 1:1 connection guarantees loss-free signal transmission—an important basis for interference-free communication and control in professional networks.

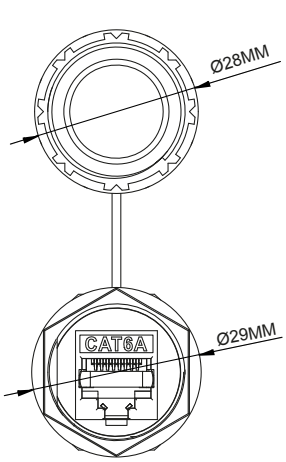
Whether for temporary use or as a permanent solution, this patch cable jack delivers the highest quality and reliability for professional applications.

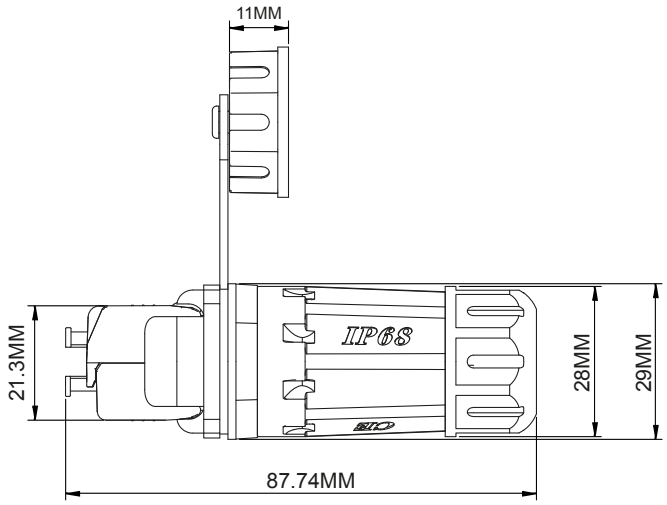
- Contact resistance: < 10 mOhm
- Connection type: 1:1

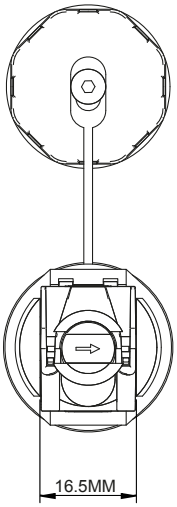
Technical Data	
Article height:	3.00 cm
Article length:	9.00 cm
Article width:	3.00 cm
Colour:	Black
Max. supported PoE standard:	802.3bt
Max. supported data transfer rate:	10 Gb/s
Max. supported power:	90 W
Side A:	RJ45 female
Side B:	RJ45 female
Signal:	Network
UL:	No
Variant:	IP68
Wire pairs used for power transmission:	The specific method used is determined by the PSE (Power Sourcing Equipment)

Item No.	Connector	EAN
69990R	RJ45	4043718291670

www.inline-info.com/en/







NOTES:

ELECTRICAL:

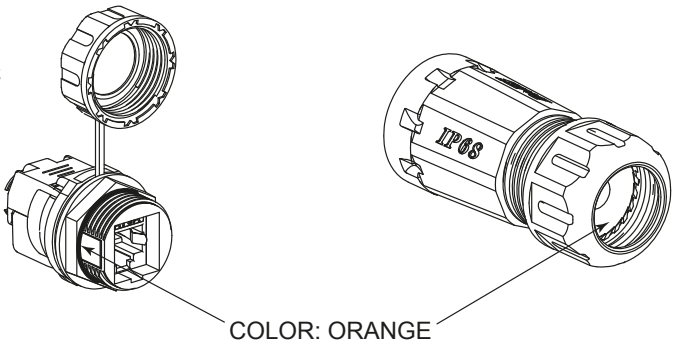
1. VOLTAGE RATING: 125 VAC RMS
2. CURRENT RATING: 1.5AMP
3. CONTACT RESISTANCE: 100MILLIOHMS MAX
4. INSULATION RESISTANCE: 1000 MEGOHMS MIN @500 VDC
5. DIELECTRIC STRENGTH: 750 VAC RMS 60HZ, 1MIN

ENVIRONMENTAL:

1. STORAGE: -40° TO +85°
2. OPERATION: 0° TO +70°

MECHANICAL:

1. HOUSING MATERIAL: PA66
2. INSERT MATERIAL: FAME RETARDANCY PBT
3. PCB MATERIAL: FR-4 T=1.6MM
4. RJ45 JACK CONTACT: PHOSPHOR BRONZE WITH GOLD PLATED 3U
5. RJ45 JACK LIFE: 750 TIMES MIN
6. WATERPROOF GRADE: IP68



RoHS COMPLIANT TO DIRECTIVE 2011/65/EU

If you have any further questions, please contact marketing@inline-info.com **www.inline-info.com/en/**

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