

**Model** : ATZ NET-WP-RJC-C6A-S

**Description** : IP68 Waterproof RJ45 Cat 6A / Cat 6 / Cat 5 Inline Coupler Single Head



This ATZ NET-WP-RJC-C6A-S single head waterproof female to female RJ45 coupler provide straight through Ethernet cable connection such as electronic equipment, network communications, and surveillance cameras, etc.

With this single head shielded RJ45 coupler, there is a IP68 waterproof cable entry on one side with housing and screw-on dust cap, which is protected with a silicone sealing ring and the other side can be closed with the protective cap. Making it ideal for outdoor / indoor environment for waterproof, dustproof, and high temperature resistant protection. It has a sturdy shell that is durable, wear-resistant, and resistant to strong impacts.

Used to extend or link two RJ45 cable directly for quick installation. Cat 6A standard provides high speed performance up to 10 Gbps / 500 MHz and is backward compatible with the previous patch cord.

It can also prevent external electrical interference, ensuring that network speed will not be affected after extension and signal transmission can remain stable.

These connectors can apply for industrial Ethernet in CCTV, factory automation control, live stage action, DMX lighting, industrial and outdoor in network environments, etc.

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## Features:

- Transform standard cable into water proof connections
- Cost effective solution to extend cable without replacing the entire cords
- Compatible with various RJ45 cables
- Female to female shielded Cat 6A coupler
- IP68 rating for protection against dust and water
- PA66 nylon material Increased protection against dust, water, UV radiation and corrosion
- Durable and wear resistant
- Robust material prevent external electrical interference
- High speed Cat 6A STP transmission standard
- Strong transmission through pure copper plated connection
- Low insertion loss for maximum signal stability
- Easy installation, Plug and Play
- Suitable for a wide range of applications, from outdoor areas to industrial networks

## Specifications:

|                       |  |
|-----------------------|--|
| Connector A           | 1 x Female RJ45 socket   |
| Connector B           | 1 x Female RJ45 socket   |
| Cat Class             | Cat 6A S/FTP   |
| Cable Diameter        | 5.0mm to 7.5mm   |
| Transmission Rate     | 500 MHz, up to 10 Gbit/s transmission rate                                       |
| Protection Class      | IP68   |
| Material              | Nylon/Plastic  |
| Material Class        | PA66   |
| Colour                | Black  |
| Dimension (L x W x H) | 80mm x 25mm x 25mm   |
| Insulation Resistance | $\geq 500 \text{ M}\Omega$ at 100 V DC   |
| Operating Temperature | -40 to 85 °C   |
| Operating voltage     | Up to 50 V AC/DC   |
| PoE Support:          | Compatible with Power over Ethernet (PoE and PoE+, according to IEEE 802.3af/at) |

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## Product Picture:



**1** Waterproof Nuts

**2** Waterproof Apron

**3** Waterproof Connector

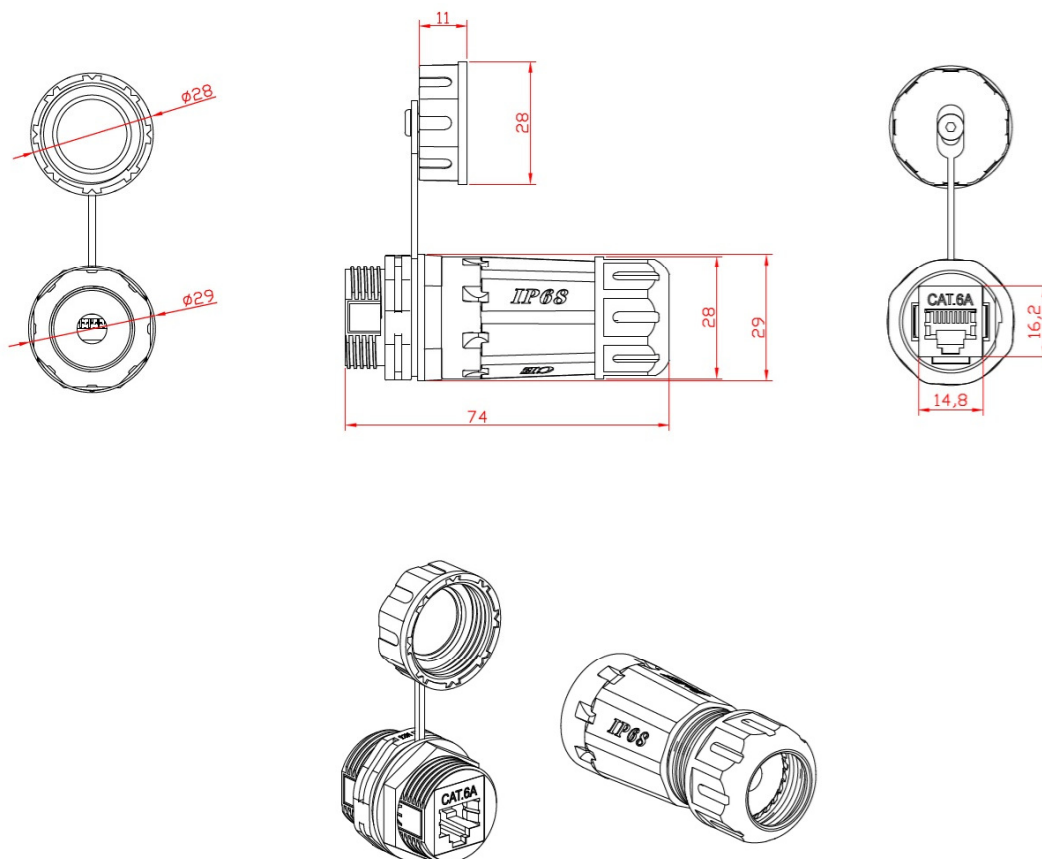
**4** Waterproof Gasket

**5** Waterproof Box

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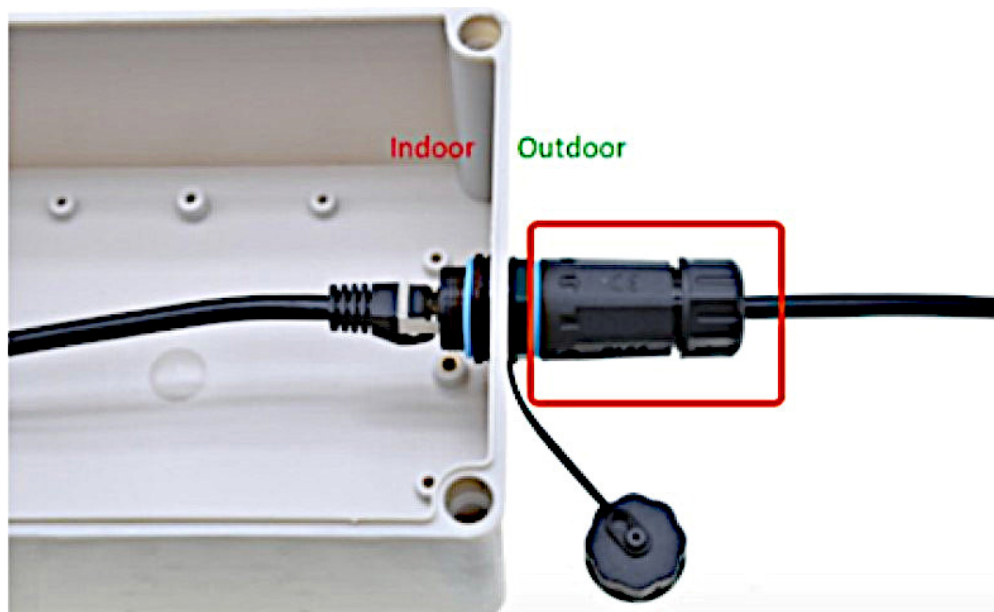
## Product Drawing:



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## Application Diagram:



## Package Contents :

1 x ATZ NET-WP-RJC-C6A-S