

**Model** : ATZ NET-WP-RJC-C6A-D2

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



This ATZ NET-WP-RJC-C6A-D2 dual 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 dual head shielded RJ45 coupler, there is an IP68 waterproof cable entry with housing protected with a silicone sealing ring on both sides. Both RJ45 socket will be enclosed within this waterproof housing. 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 inline 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 prevents 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
- 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 (LxWxH)	120mm 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

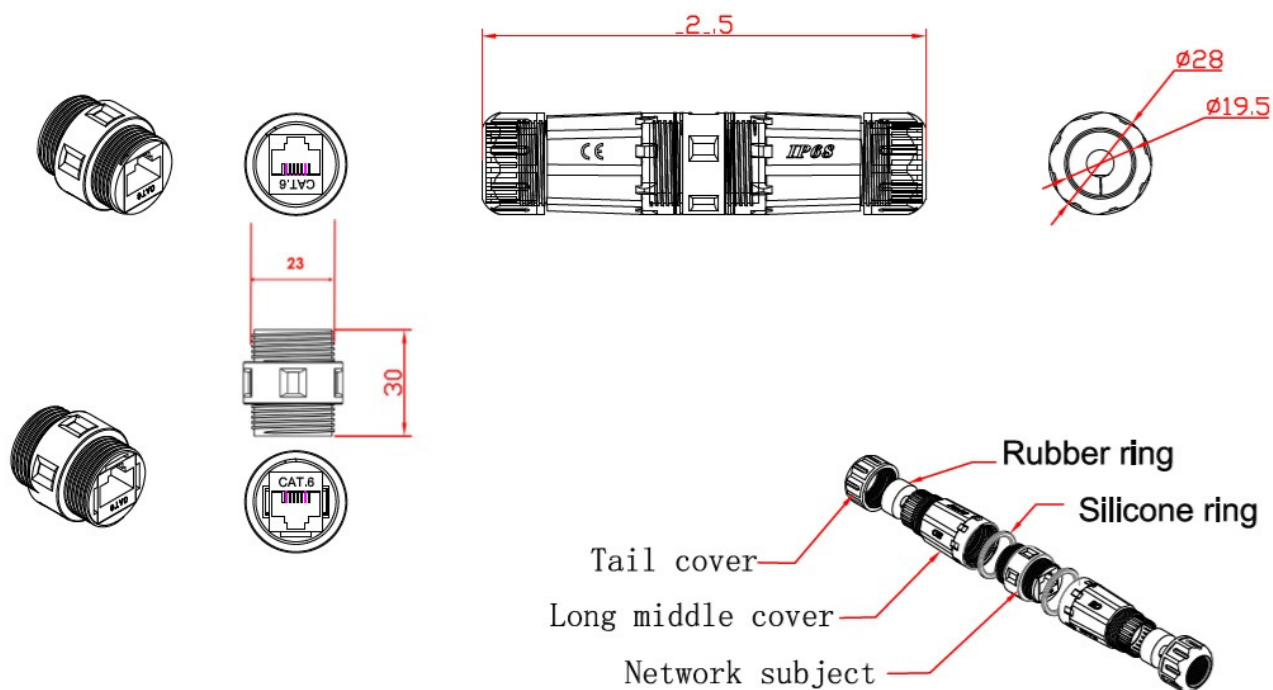
4. Waterproof gasket

5. Waterproof box

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## Product Drawing:



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## Application Diagram:





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Widely used in outdoor networking which for  
Surveillancen Cameras, Network Communications & Electronic Equipments etc.

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## Package Contents :

1 x ATZ NET-WP-RJC-C6A-D2

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