



VERTICAL CABLE

# COUPLER MODULE

## CAT6A STP | IP68

# 250-ICP68-C1A2

### DESCRIPTION

**Coupler Module, IDC-to-IDC Splice, CAT6A STP, Panel Mounting, IP68**

### FEATURES

- Shielded Twisted Pair (STP)
- IDC termination on both ports
- Panel mount form factor
- T568A/T568B
- Bayonet locking mechanism
- Weight: 0.17 lb. (0.08 kg)



### CHARACTERISTICS

Transmission Performance: CAT6A per ANSI/TIA-568.2-D;  
 CAT6A per ISO IEC 11801

Wiring Schemes: T568A/T568B

Conductor Gauge: Solid; 22-24 AWG

Environmental Protection: IP68

Housing: IEC 61076-3-106 variant 01 style 2;  
 IEC 60529

### DIMENSIONS

Height:	1.38 in. (35.05 mm)
Width:	0.72 in. (18.29 mm)
Length:	4.58 in. (116.33 mm)



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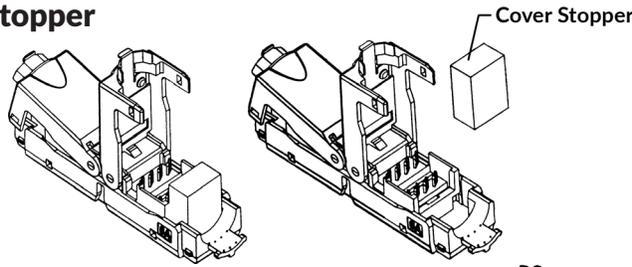
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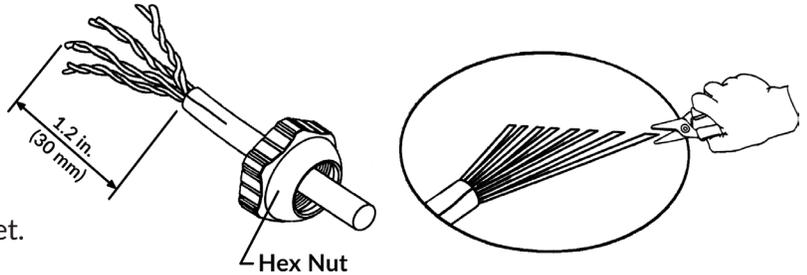
### 1 Remove Protective Stopper

Before installation, remove the protective cover stopper from the plug housing.



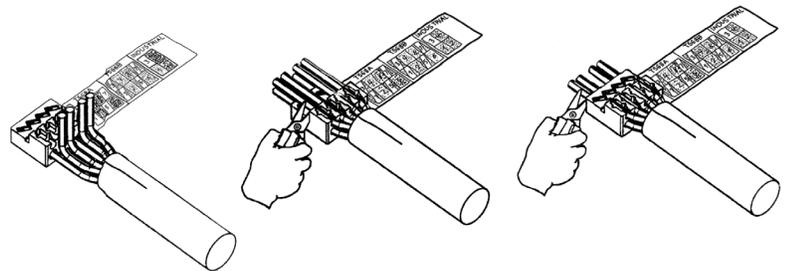
### 2 Prepare the Cable

Insert the cable through the hex nut. Strip approximately **1.2 inches (30 mm)** of the outer cable jacket. Carefully fold back the drain wire along the cable jacket.



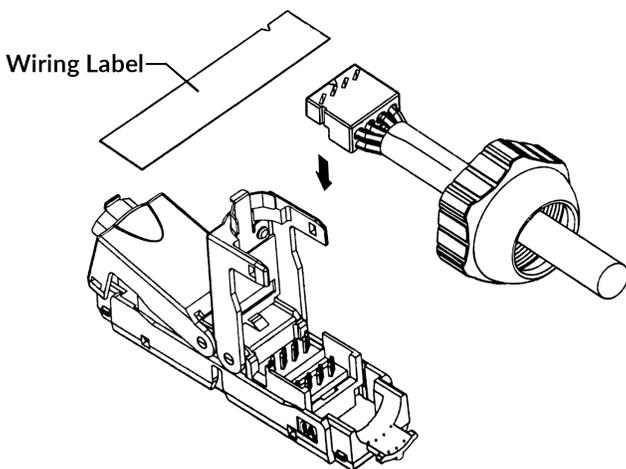
### 3 Arrange Conductors

Untwist and fan out all four twisted pairs. Following the TIA/EIA T568A or T568B color coding (as required), insert each conductor into the corresponding slot on the wiring cap. Ensure conductors are fully seated, then trim excess conductor ends flush with the cap.



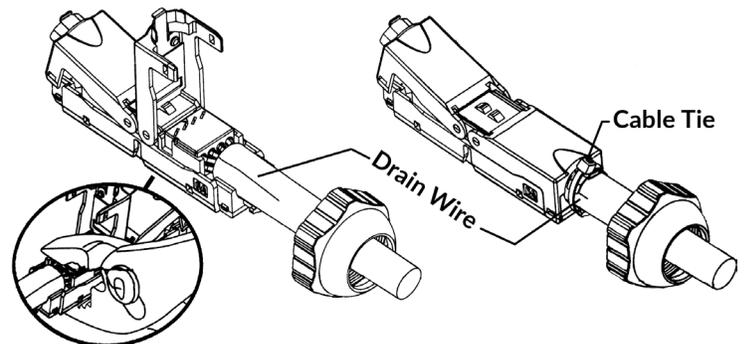
### 4 Remove Wiring Label

Remove the temporary wiring label from the plug prior to installing the wiring cap.



### 5 Secure the Wiring Cap & Ground Connection

Position the wiring cap onto the plug body. Using pliers, firmly compress the wiring cap until it fully snaps into place, ensuring proper electrical contact. Close the plug cover securely. Verify that the folded drain wire makes proper contact with the grounding clip inside the plug housing. Use the supplied cable tie to secure and maintain grounding continuity.



JACK DESIGNATIONS	PIN	TIA/EIA T568A	TIA/EIA T568B	INDUSTRIAL
		1	White Green	White Orange
2	Green	Orange	Orange	
3	White Orange	White Green	White	
4	Orange	Green	Blue	
5	Blue	Blue		
6	White Blue	White Blue		
7	White Brown	White Brown		
8	Brown	Brown		

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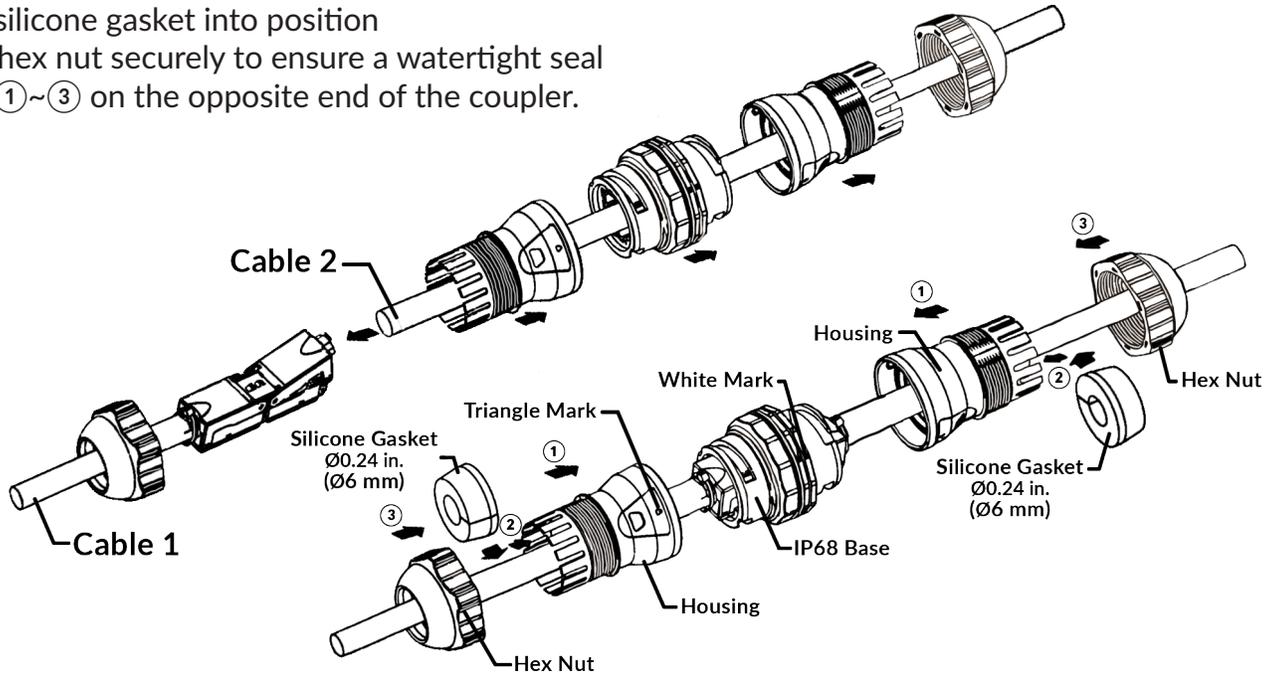
## IP68 Coupler Assembly

### 6 Complete Cable Termination & Assemble Coupler

Terminate both ends of the connecting coupler as shown.

Insert the terminated connector into the IP68 base assembly and complete the following steps:

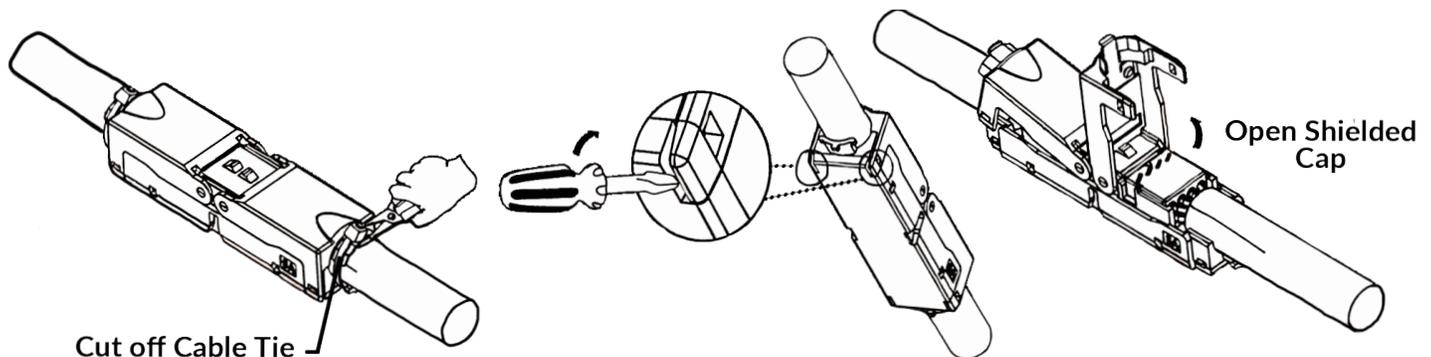
- ① Lock the housing onto the IP68 Base
  - ② Install the silicone gasket into position
  - ③ Tighten the hex nut securely to ensure a watertight seal
- Repeat steps ①~③ on the opposite end of the coupler.



### Cable Removal (If Required)

To remove the cable:

- Cut and remove the cable tie.
- Using a flat-head screwdriver, gently pry open the plug cover, starting at one end and then the other, until the cover releases.



### Sealing & Alignment Precaution

For proper sealed mating:

- Align the Triangle mark on the plug housing with the White alignment mark.
- When fully mated and locked, the Triangle mark and White alignment mark must align with the centerline alignment mark on the receptacle.

Proper alignment ensures secure locking and maintains the IP68 watertight seal.

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