



## Category 6 Outdoor Shielded Waterproof Coupler - Short



### Applications

This Category 6 RJ45 shielded female waterproof coupler is ideal for connecting two unbooted Category 6 shielded cable assemblies together, in harsh industrial or outdoor environments requiring an IP68 level watertight connection. This coupler is suitable for use with 10BASE-T, 100BASE-T, and 1000BASE-T connections.

### Description / Specifications

This Vericom Category 6 RJ45 shielded female waterproof coupler is perfect for outdoor connections to cameras, sensors, motion detectors, or entering an outdoor enclosure with a waterproof connection. The connector will support Gigabit ethernet speeds with Category 6 cable and can be used for 10GBASE-T for limited distances. This connector is composed of a flame-resistant, water resistant, UV resistant material perfect for outdoor environments, and is shielded to prevent signal interference.

### Features & Benefits

- Suitable for unbooted CAT6 shielded patch cables
- Gold plated contacts with integral PCB for maximum performance
- Compact size, sleek, professional appearance
- PA66 Nylon is flame-resistant and UV-resistant for longevity
- IP68 Rated for submersion up to 1 meter depth
- Solid body made by injection and cold compression
- Rubber gasketed moisture barrier
- Shielded to prevent signal interference
- Packaging: Polybag, Sold Individually

### Standards Compliance

- RoHS Compliant
- CE
- IP68 Weather Resistant
- UL94V-0

### Related Products

VGC™ Category 6 RJ45 Clear Connectors- Shielded (Bag of 50)



Item No. WRJ45-03442



Rated  
IP68



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Ordering Information

Item Number	Description
MCP6S-04683	CAT6 Outdoor Shielded Waterproof Coupler- Short

Construction

**Housing:** Nylon PA66, UL94V-0 fire retardant  
**Contact Needle:** Gold-Plated over Phosphorous Bronze

**Shield Material:** Nickel Plated Over Copper Alloy  
**Waterproof Ring:** Silica Gel

Mechanical

**Wire Compatibility:** 3 ~ 8 mm  
**Mating Life Cycle:** Min 750 cycles  
**Electrical Current Rate:** 1.5 Amps  
**Voltage Rate:** 125VAC, 75VDC

**Withstanding Voltage:** AC1000V 50Hz or 60 Hz 1 Minute  
**Contact Resistance:** <10MΩ  
**Insertion Force:** 900g  
**Plug Retention:** 7.7 kg

Environmental Conditions

**Operating Temperature:** -40 °F to 248 °F (-40 °C to 120 °C)  
**Storage Temperature:** -40 °F to 248 °F (-40 °C to 120 °C)

**Atmospheric Pressure:** 86 ~ 106Kpa  
**Humidity:** ≤90%

Technical Illustration

