



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

