



Category 6A Outdoor Shielded Waterproof Coupler - Short



Applications

This Category 6A RJ45 shielded female waterproof coupler is ideal for connecting two unbooted Category 6A 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, 1000BASE-T, and 10GBASE-T connections.

Description / Specifications

This Vericom Category 6A 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 up to 10GBASE-T with Category 6A cable. 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 CAT6A 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
- 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 6A RJ45 Clear Connectors- Shielded (Bag of 50)



Item No. WRJ45-04468



Rated
IP68



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Ordering Information

Item Number	Description
MCP6S-12447	CAT6A 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

