



Category 6A Outdoor Shielded Waterproof Coupler- Long



Applications

This Category 6A RJ45 shielded female waterproof coupler is ideal for connecting two booted or unbooted Category 6A shielded cable assemblies together, in harsh industrial or outdoor environments requiring an IP67 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 product is the longer version of MCP6S-12447 and is useful for when you need to connect booted patch cords. This coupler 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 booted or 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
- IP67 Weather Resistant
- UL94V-0

Related Products

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

Item No. WRJ45-04468





Category 6A Outdoor Shielded Waterproof Coupler- Long

Ordering Information

Item Number	Description
MCP6S-12448	CAT6A Outdoor Shielded Waterproof Coupler- Long

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

