

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

TECHNICAL SHEETS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

REV.20250101.3





Rated IP68



Category 6 Outdoor Shielded Waterproof Coupler - Short

Ordering Information

Item Number	Description

MCP6S-04683 CAT6 Outdoor Shielded Waterproof Coupler- Short

Construction

Housing: Nylon PA66, UL94V-0 fire retardant Shield Material: Nickel Plated Over Copper Alloy

Contact Needle: Gold-Plated over Phosphorous Bronze Waterproof Ring: Silica Gel

Mechanical

Wire Compatibility: $3 \sim 8 \text{ mm}$ Withstanding Voltage: AC1000V 50Hz or 60 Hz 1 MinuteMating Life Cycle: Min 750 cyclesContact Resistance: $<10M\Omega$ Electrical Current Rate: 1.5 AmpsInsertion Force: 900g

Voltage Rate: 125VAC, 75VDC Plug Retention: 7.7 kg

Environmental Conditions

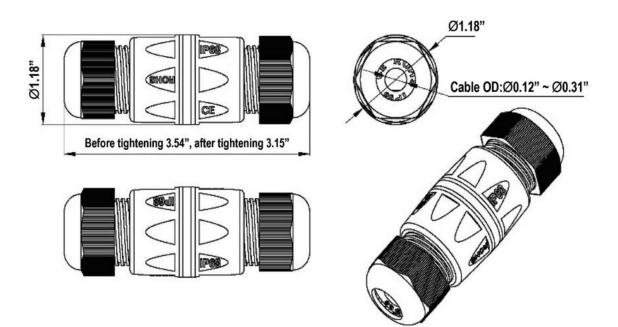
Operating Temperature: -40 °F to 248 °F (-40 °C to 120 °C)

Atmospheric Pressure: 86 ~ 106Kpa

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

Humidity: ≤90%

Technical Illustration



TECHNICAL SHEETS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

REV.20250101.3