



# WATERPROOF WIRE-TO-WIRE 9289-000 SERIES



[Click Here to View the 9289-000 Series Datasheet](#)

## BASIC OVERVIEW

KYOCERA AVX continues to develop unique connectors to fill the gap in the market. The newest addition to KYOCERA AVX broadening line of one-piece wire to wire solution is the 3ways waterproof wire to wire connector 9289-000 series.

The 9289-000 series is the first waterproof product in KYOCERA AVX interconnect product offering with our industry-proven poke-home contact technology that allow it to provide maximum wire retention for 16AWG solid and stranded wire gauges. 9289-000 is capable of accommodating simple strip-and-poke wire insertion and twist-and-pull wire extraction, which is especially beneficial in field installations.

## APPLICATIONS

- Transportation lighting
- Outdoor recreational vehicles
- General outdoor (lighting, power etc...)
- Horticulture lighting
- Home appliances
- Drones

## GENERAL CHARACTERISTICS

Features & Benefits:

- IP67 Rating Waterproof
- Cost savings in an array of industrial power and signal applications
- Simple strip and poke in insertion and extraction by twisting wire
- Beneficial in field installation
- Space saving comparing with two-piece solution
- UL approved

## KEY SPECIFICATIONS

- Wire Size: 16AWG (Solid and Stranded)
- Current Rating: 10A
- Voltage Rating: 1000 VAC (RMS) or DC Equivalent
- Operating Temperature: -40°C to +80°C
- Storage Temperature: -40°C to +60°C

## TOP SELLING POINTS / CHARACTERISTICS

- One-piece IP67 Rating Wire-to-Wire solution
- Field serviceable without special tooling
- Space and cost saving



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## HOW TO ORDER

**00**

**Prefix**

00 = Standard Products

**9289**

**Series**

**003**

**00X**

**Wire Size**

001 = 16AWG OD:2.0-2.2MM  
002 = 16AWG OD:3.0-3.2MM

**0**

**Housing Color**

0 = Standard

**06**

**Plating Option**

06 = Tin over  
Nickel

## FAQ'S

**Q: Can I use stranded wire with the waterproof wire-to-wire connector?**

A: Yes, 9289-000 can accommodate both solid and stranded wires.

**Q: Is any special tooling required for field installation?**

A: No special tooling required.

**Q: Is potting/gluing required to achieve IP67 rating?**

A: No, such process is not required.

**Q: Is this available in other positions and wire sizes?**

A: Yes, please contact us for more information.



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