



IP68 Waterproof Cable Connector, 4-Pin Plug and Socket, 250 V, 16 A

- IP68 sealing against dust ingress and continuous submersion
- Rated 250 V and 16 A for multi-conductor branch wiring
- Four-pin plug and socket rated for 500 or more mating cycles
- Ambient operating range of -40 °C to +85 °C
- Accepts 0.5-1.5 mm² conductors with 6.5-10 mm cable outer diameter
- Contact resistance held to 10 MΩ or less

OVERVIEW

A 4-pin waterproof junction box connector for making secure cable-to-cable connections in indoor and outdoor environments. It suits commercial and residential electrical installations where moisture, dust and environmental exposure are concerns.

The connector carries an IP68 rating for full dust protection and continuous water submersion. It is rated 250 V and 16 A, accepts conductors from 0.5 to 1.5 mm² with cable outer diameters of 6.5 to 10 mm, and operates from -40 °C to +85 °C. The plug-and-socket design is rated for 500 or more mating cycles and is intended for straightforward field installation.

Covered by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime	50,000 h
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ELECTRICAL

Operating Voltage	250 V
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Current Draw	16 A
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Input Connection Type	4-pin plug and socket
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Wire Gauge *	16 AWG
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ENVIRONMENTAL

IP Rating	IP68
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Ambient Operating Temperature	-40-85 °C -40-185 °F
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ORDERING

Warranty	1 y
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APPLICATIONS

- Outdoor landscape and site wiring
- Sign and display cabinet connections
- Irrigation and pump control wiring
- Marine and dock electrical runs
- Below-grade and damp-location junctions

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	250 V	pdf	high
current_draw	16 A	pdf	high
input_connection_type	4-pin plug and socket	pdf	high
wire_gauge	16 AWG	pdf	low
ip_rating	IP68	pdf	high
ambient_temp_c	-40–85 °C	pdf	high
warranty_years	1 y	db	high

* Value inferred from source data; verify before specification.
Specifications subject to change without notice.

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