



COB Strip-to-Strip Connector, 12mm 4-Pin, IP20, 3.5A, No-Wire Joint

- Fits 12mm-wide COB LED strips with 4-pin connection
- Solderless, no-wire strip-to-strip joint design
- Rated DC 5V-24V operating voltage
- Maximum continuous current draw of 3.5A
- IP20, non-waterproof environmental rating
- UL listed, file number E536464

OVERVIEW

The M-Z-CON4D-CA12-C is a no-wire, strip-to-strip connector designed for 12mm 4-pin COB LED strips. It provides a solderless, tool-free method of joining two COB strip segments end-to-end, suitable for clean installations in commercial and residential lighting applications where IP20 environmental protection is adequate.

The connector is rated for DC 5V-24V operation at a maximum continuous current of 3.5A per connection. It is intended for indoor, dry-location use consistent with its IP20, non-waterproof rating, and carries a 1-year warranty.

The connector is UL listed under file number E536464.

SPECIFICATIONS

OPTICAL

LED Lifetime	50,000 h
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ELECTRICAL

Operating Voltage	5-24 V
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Current Draw	3.5 A
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MECHANICAL

Strip Width	12 mm 0.47 in
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ENVIRONMENTAL

IP Rating	IP20
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Environmental Rating	Non-Waterproof
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COMPLIANCE

UL File Number	E536464
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ORDERING

Warranty	1 y
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CERTIFICATIONS & COMPLIANCE

UL

UL Listed
E536464

APPLICATIONS

- Indoor commercial COB strip installations
- Residential cove and accent lighting runs
- Cabinet and shelf lighting joints
- Dry-location retrofit strip extensions

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	5–24 V	db	high
current_draw	3.5 A	db	high
strip_width	12 mm	pdf	high
ip_rating	IP20	db	high
environmental_rating	Non-Waterproof	db	high
ul_file_number	E536464	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.