



4-Pin COB Strip Connector, Strip-to-Strip Bridge, 12mm IP20, 3.5A, UL Listed

- 4-pin connector for 12mm COB strip-to-strip bridging
- 150mm lead length with 22AWG PVC-jacketed wire
- Color-coded black, green, red and blue conductors
- Rated DC 3V to 24V operation at up to 3.5A
- IP20 rated for non-waterproof indoor use
- UL listed, file number E536464

OVERVIEW

The M-Z-CON4D-CA12mm is a 4-pin strip-to-strip bridge connector designed for 12mm COB LED strip installations. It provides a solderless connection between two strip segments, simplifying field assembly and reducing installation time in IP20-rated, non-waterproof indoor applications. The connector ships in bags of 5 pieces.

Rated for operation across DC 3V to 24V with a maximum continuous current of 3.5A, this connector accommodates a range of low-voltage COB strip systems. The 22AWG PVC-jacketed leads are color-coded (black, green, red, and blue) for polarity and channel identification. The 150mm lead length provides working clearance between connected strip segments. LEDs connected through this connector carry a rated lifetime of 50,000 hours.

The connector is UL listed under file number E536464 and carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime50,000 h

MECHANICAL

Strip Width12 mm0.47 in

MaterialPVC

COMPLIANCE

UL File NumberE536464

ELECTRICAL

Operating Voltage5–24 V

Current Draw3.5 A

Wire Gauge22 AWG

Wire Length5.9 in

ENVIRONMENTAL

IP RatingIP20

Environmental RatingNon-Waterproof

ORDERING

Warranty1 y

CERTIFICATIONS & COMPLIANCE



UL Listed
E536464

APPLICATIONS

- Indoor COB strip runs requiring segment-to-segment bridging
- Cove and cabinet lighting installations
- Retail display and signage lighting
- Architectural interior linear lighting

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
wire_gauge	22 AWG	pdf	high
wire_length	5.9 in	pdf	medium
strip_width	12 mm	pdf	high
material	PVC	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.

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