



COB Strip-to-Strip Bridge Connector, 10mm 3-Pin IP20, 150mm 22AWG Lead

- 3-pin bridge connector for 10mm COB LED strip-to-strip connections
- 150mm lead length with 22AWG PVC-insulated wire
- Red-white-yellow three-conductor configuration
- Rated DC 5V to 24V input with 3.5A maximum current draw
- IP20 rated for non-waterproof indoor use
- UL listed, file number E536464

OVERVIEW

The M-Z-CON3D-SS-CA10mm is a 3-pin strip-to-strip bridge connector for 10mm COB LED strip installations. It provides a solderless inline connection between two strip segments, suited for IP20 indoor applications where a low-profile electrical bridge is required.

The connector accommodates supply voltages from 5V to 24V and is rated for a maximum continuous current of 3.5A, with an LED lifetime rating of 50,000 hours for the connected strip. The 150mm lead is constructed from 22AWG PVC-insulated wire in a red, white and yellow three-conductor configuration. Sold in bags of five units.

The connector carries UL listing (file number E536464) and is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

MECHANICAL

Minimum Cut Length 10 mm
0.39 in

COMPLIANCE

UL File Number E536464

ELECTRICAL

Operating Voltage 5-24 V

Current Draw 3.5 A

Wire Gauge 22 AWG

Wire Length 5.9 in

ENVIRONMENTAL

IP Rating IP20

Environmental Rating Non-Waterproof

ORDERING

Warranty 1 y

CERTIFICATIONS & COMPLIANCE



UL Listed
E536464

APPLICATIONS

Indoor COB strip installations requiring segment bridging

Under-cabinet lighting runs

Cove and coffer lighting connections

Display case and signage lighting

Architectural linear lighting retrofits

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
min_cut_length	10 mm	pdf	medium
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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