



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

- Bridges two 10mm-wide SMD strip segments with a 3-pin solderless connection
- 150mm length of 22AWG PVC-jacketed wire in red/white/yellow
- Rated DC 3V to 24V operating voltage at up to 3.5A current draw
- IP20 environmental rating for non-waterproof, indoor strip installations
- UL listed under file number E536464
- Packaged 5 pieces per bag for stocking and job-site distribution

OVERVIEW

The M-Z-CON3D-CA10mm is a 3-pin strip-to-strip bridge connector designed for use with 10mm IP20 SMD LED strip installations. It provides a solderless method of linking two strip segments, simplifying layout and reducing installation time in commercial and architectural lighting applications.

The connector uses 150mm of 22AWG PVC-jacketed wire in a red/white/yellow configuration and is rated for operation from DC 3V to 24V at a maximum continuous current of 3.5A. It is compatible with IP20-rated, non-waterproof strip assemblies only, with a rated LED lifetime of 50,000 hours. Supplied in bags of 5 units.

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

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

ELECTRICAL

Operating Voltage 5–24 V

Current Draw 3.5 A

Wire Gauge 22 AWG

Wire Length 5.9 in

MECHANICAL

Strip Width 10 mm
0.39 in

Material PVC

ENVIRONMENTAL

IP Rating IP20

Environmental Rating Non-Waterproof

COMPLIANCE

UL File Number E536464

ORDERING

Warranty 1 y

CERTIFICATIONS & COMPLIANCE



UL Listed
E536464

APPLICATIONS

- Strip-to-strip splicing in cove and cabinet lighting
- Commercial display and signage LED strip runs
- Architectural linear lighting installations
- Retrofit connections between LED strip segments

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	10 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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