



4-Pin COB Strip Connector, IP20, 12mm, Strip to Power, 3.5A (5-Pack)

- 4-pin design for 12mm COB strip to power connections
- 150mm length of 22AWG PVC lead wire
- Four-conductor color coding: black, green, red, blue
- IP20 rated for non-waterproof, indoor use
- Operates from DC 5V to 24V, 3.5A maximum current draw
- UL listed, file number E536464

OVERVIEW

The M-Z-CON4D-12mm is a 4-pin solderless connector for 12mm COB LED strip installations, providing a strip-to-power connection in IP20-rated, non-waterproof environments. Each connector includes 150mm of 22AWG PVC cable in a four-conductor configuration (black, green, red, blue), suitable for direct power feed terminations on compatible COB strip systems. Sold in bags of five.

The connector operates from DC 5V to 24V with a maximum continuous current of 3.5A per connection, accommodating a range of low-voltage COB strip applications. Rated LED lifetime for the associated strip system is 50,000 hours.

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

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

MECHANICAL

Strip Width 12 mm
0.47 in

Material PVC

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

- Strip-to-power terminations for COB LED tape
- Indoor cove and cabinet lighting installs
- Retail display and signage lighting connections
- Under-cabinet linear lighting hookups

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	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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