



RGB CCT Tunable 6-Pin COB LED Strip-to-Strip Connector, 12mm PCB, IP20

- 6-pin configuration supports full RGB CCT signal and power channels
- Sized for 12mm PCB width COB LED strips
- IP20 rated for dry indoor use only
- Solderless strip-to-strip connection without wire leads
- Packaged 5 pieces per bag
- Compatible LED lifetime rated at 50000 h

OVERVIEW

The M-Z-CON6-12-C is a solderless strip-to-strip connector designed for RGB CCT tunable COB LED strips with a 6-pin configuration and 12mm PCB width. It provides a tool-free method of joining two COB LED strip segments end-to-end, maintaining all six signal and power channels required for full RGB CCT control. Sold in bags of five connectors.

Rated IP20, this connector is intended for dry indoor installations only. No wire leads are included; the connector interfaces directly between strip ends, keeping the connection low-profile and suitable for channel or extrusion mounting.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

ELECTRICAL

Input Connection Type 6-Pin Connector

MECHANICAL

Strip Width 12 mm
0.47 in

ENVIRONMENTAL

IP Rating IP20

ORDERING

Warranty 1 y

APPLICATIONS

Cove lighting installations

Cabinet and shelf lighting runs

Channel and extrusion mounted strip runs

Architectural accent lighting joins

Retail display lighting continuations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
input_connection_type	6-Pin Connector	pdf	high
strip_width	12 mm	pdf	high
ip_rating	IP20	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.