



Wire-to-PCB Connector for Outdoor
Single-Color 10mm LED Strip, 18–20
AWG, IP65, 5-Pack

- Wire-to-PCB connector for 10mm single-color LED strip
- Compatible with 18-20 AWG cable
- IP65 rated against dust and low-pressure water
- Sold in 5-piece bags for field stocking
- Backed by 1-year warranty
- Rated for use with LEDs of 50,000-hour lifetime

OVERVIEW

The M-Z-CON2-CA-IP65 is a wire-to-PCB connector designed for outdoor single-color LED strip installations. It accommodates 18–20 AWG cable and provides a secure, reliable termination point between field wiring and LED strip PCB contacts. Intended for exterior applications where moisture and particulate exposure are a concern.

The connector carries an IP65 rating, providing protection against dust ingress and low-pressure water contact. Installation requires threading the cable through the narrow end of the connector; silicone sealant is recommended at the entry point for additional environmental protection. This design supports durable, long-term connections in outdoor conditions.

Backed by a 1-year warranty, suitable for LED strips rated to a 50,000-hour lifetime.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

ELECTRICAL

Input Connection Type Wire-to-PCB connector

Wire Gauge * 20 AWG

MECHANICAL

Strip Width 10 mm
0.39 in

Material Clear plastic housing

ENVIRONMENTAL

IP Rating IP65

ORDERING

Warranty 1 y

APPLICATIONS

- Outdoor architectural LED strip installations
- Landscape and pathway lighting connections
- Signage and channel letter wiring terminations
- Exterior accent lighting repairs and retrofits

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
input_connection_type	Wire-to-PCB connector	pdf	high
wire_gauge	20 AWG	pdf	low
strip_width	10 mm	pdf	high
material	Clear plastic housing	pdf	medium
ip_rating	IP65	pdf	high
warranty_years	1 y	db	high

* Value inferred from source data; verify before specification.
Specifications subject to change without notice.

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