



4 - Wire 6 - Inch Slim Connector for 10mm RGB SMD 5050 LED Strip, 30–60 LEDs/m

- 4 - wire configuration for RGB power and control distribution
- 6 - inch (6") slim connector length for compact installations
- Compatible with 10mm PC board width SMD 5050 strips
- Supports LED density range of 30 - 60 LEDs per meter
- 1 - year warranty coverage
- Rated for use with LED strips rated to 50,000 - hour lifespan

OVERVIEW

The M-Z-CON4-CA-S is a 4 - wire, 6 - inch slim connector designed for SMD 5050 RGB LED strip lighting with densities of 30 to 60 LEDs per meter. It is compatible with 10mm PCB - width strip and provides a single - end connection point for RGB LED runs.

The connector supplies four discrete wire conductors for power and RGB channel control, supporting independent color and brightness adjustment across connected strip segments. Its slim profile and secure retention design allow for straightforward field installation while maintaining consistent electrical conductivity at the strip interface. The connector carries a 1 - year warranty and is rated for use with LED strips rated to a 50,000 - hour lifetime.

SPECIFICATIONS

OPTICAL

LED Chip Type	SMD 5050
LED Density *	60 LEDs/m
LED Lifetime	50,000 h

ELECTRICAL

Wire Length	6 in
-------------	------

MECHANICAL

Strip Width	10 mm 0.39 in
-------------	------------------

ORDERING

Warranty	1 y
----------	-----

APPLICATIONS

- RGB LED strip splicing in retail displays
- Cove and accent lighting installations
- Signage and channel letter RGB connections
- Architectural linear lighting runs requiring mid-run joints

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_chip_type	SMD 5050	pdf	high
led_density	60 LEDs/m	pdf	low
led_lifetime_h	50,000 h	db	high
wire_length	6 in	pdf	high
strip_width	10 mm	pdf	high
warranty_years	1 y	db	high

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

REVIEW COPY