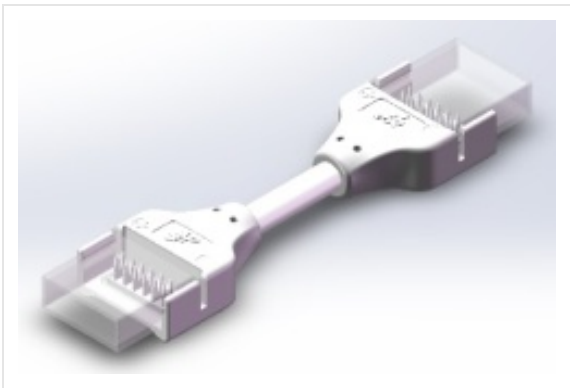




IP65 6-Pin RGB CCT LED Strip  
Connector, 12mm FPC, AWG20,  
150mm Leads (5-Pack)

- 6-pin configuration supports RGB CCT color and color-temperature control
- 12mm wide flexible printed circuit (FPC) construction
- AWG20 gauge wire conductors for reliable electrical connection
- 150mm open wire leads on one side for flexible termination
- IP65 rated for indoor and outdoor exposure to dust and water spray
- Supplied 5 pieces per bag for batch installation

OVERVIEW

The M-Z-CON6D-CA-IP65 is a 6-pin connector for RGB CCT LED strip installations, accommodating both color (RGB) and dual white (CCT) channels through a single connection point. Built on a 12mm flexible printed circuit with AWG20 conductors and 150mm open wire leads, it provides a secure termination for strip-to-strip or strip-to-controller wiring.

The connector carries an IP65 rating, suitable for installations exposed to dust and water spray in both indoor and outdoor settings. It is supplied in packs of 5 pieces for multi-run installations, and the LED strip it connects to carries a rated lifetime of 50,000 hours.

The product is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

|              |          |
|--------------|----------|
| LED Lifetime | 50,000 h |
|--------------|----------|

ELECTRICAL

|                       |                 |
|-----------------------|-----------------|
| Input Connection Type | 6-pin connector |
| Wire Gauge *          | AWG20           |
| Wire Length           | 150 in          |

MECHANICAL

|             |                  |
|-------------|------------------|
| Strip Width | 12 mm<br>0.47 in |
|-------------|------------------|

ENVIRONMENTAL

|           |      |
|-----------|------|
| IP Rating | IP65 |
|-----------|------|

ORDERING

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

APPLICATIONS

- Outdoor architectural LED strip connections
- RGB CCT strip-to-controller wiring
- Landscape and facade lighting runs
- Cove and channel lighting installations
- Signage and display lighting connections

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| slug                  | value           | source | confidence |
|-----------------------|-----------------|--------|------------|
| led_lifetime_h        | 50,000 h        | db     | high       |
| input_connection_type | 6-pin connector | pdf    | high       |
| wire_gauge            | AWG20           | pdf    | low        |
| wire_length           | 150 in          | pdf    | high       |
| strip_width           | 12 mm           | pdf    | high       |
| 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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