



Strip-to-Strip Bridge Connector, 8 mm 2-Pin, IP20, 22 AWG 150 mm Flat Lead, UL Listed

- Bridges two runs of 8 mm 2-pin single-color LED strip
- 22 AWG multi-stranded flat red-black lead, 150 mm long
- Transparent polycarbonate body, nickel-plated phosphor bronze pins
- IP20 non-waterproof construction for indoor installations
- Rated 5-24 V DC at 6 A current capacity
- UL Listed component under file number E536464

OVERVIEW

A solderless bridge connector that joins two runs of 8 mm single-color LED strip across a gap, corner or obstruction. It accepts COB and SMD tape with a PCB thickness of 0.25 to 0.35 mm and no restriction on LED density, making it suitable for cove details, cabinet runs and signage returns where a continuous reel cannot be used.

The I-shape housing measures 16.5 × 9.7 × 4.3 mm and terminates in a 150 mm flat red-black lead of 22 AWG multi-stranded conductor, 0.32 mm² cross section. Operating voltage is 5-24 V DC with a 6 A current rating. The clamp uses nickel-plated phosphor bronze contacts in a transparent polycarbonate body rated to an 80 C deform temperature, for indoor use from -10 to 45 C.

UL Listed under file number E536464. Supplied five pieces per bag with a one-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

MECHANICAL

Product Dimensions 16.5*9.7*4.3 mm

Strip Width 8 mm
0.31 in

Finish Nickel plating

Material Polycarbonate (PC) housing, phosphor bronze contacts

COMPLIANCE

UL File Number E536464

ELECTRICAL

Operating Voltage 24 V

Current Draw 6 A

Input Connection Type Strip to strip bridge, 2-pin

Wire Gauge 22 AWG

Wire Length 5.9 in

ENVIRONMENTAL

IP Rating IP20

Environmental Rating Non-Waterproof

Ambient Operating Temperature -10-45 °C
14-113 °F

ORDERING

Warranty 1 y

CERTIFICATIONS & COMPLIANCE



UL Listed
E536464

APPLICATIONS

- Cove and soffit lighting runs
- Under-cabinet and millwork tape installations
- Channel letter and sign cabinet returns
- Retail display and shelf lighting
- Architectural corner and gap transitions

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	24 V	pdf	high
current_draw	6 A	db	high
input_connection_type	Strip to strip bridge, 2-pin	pdf	high
wire_gauge	22 AWG	pdf	high
wire_length	5.9 in	pdf	medium
product_dimensions	16.5*9.7*4.3 mm	pdf	high
strip_width	8 mm	pdf	high
finish	Nickel plating	pdf	high
material	Polycarbonate (PC) housing, phosphor bronze contacts	pdf	high
ip_rating	IP20	both	high
environmental_rating	Non-Waterproof	db	high
ambient_temp_c	-10-45 °C	pdf	high
ul_file_number	E536464	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.