



Two-Line Plug and Jack Wire Connector, 250 V AC, 10 A, 18-16 AWG, Flame-Retardant PC

- Phosphorized-copper contacts for stable current transfer
- Flame-retardant PC shell in orange for field identification
- Rated 250 V AC and 10 A for line-voltage branch connections
- Accepts 18-16 AWG conductors, 0.75-1.0 mm² cross section
- Ambient operating range of -20 C to +120 C
- Covered by a one-year manufacturer warranty

OVERVIEW

The E-CON-PJ-2P2 is a two-line plug and jack quick-connect wire connector for LED lighting and general line-voltage installations. The mating male and female halves form a two-conductor disconnect point for linking drivers, fixtures, and control wiring in commercial and industrial work.

Contacts are phosphorized copper housed in an orange flame-retardant PC shell. The connector is rated 250 V AC at 10 A and accepts 18-16 AWG conductors (0.75-1.0 mm²), with an ambient operating range of -20 C to +120 C.

Covered by a one-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

MECHANICAL

Finish Orange
Material Phosphorized-copper contacts, flame-retardant PC shell

ORDERING

Warranty 1 y

APPLICATIONS

- LED driver-to-fixture connections
- Channel letter and sign wiring
- Commercial fixture disconnect points
- Indoor cabinet and cove lighting runs
- Interior electrical rough-in and service loops

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	250 V	pdf	high
current_draw	10 A	pdf	high
input_connection_type	Two-line male plug and female jack	pdf	high
wire_gauge	18 AWG	pdf	low
finish	Orange	pdf	high
material	Phosphorized-copper contacts, flame-retardant PC shell	pdf	high
ambient_temp_c	- 20–120 °C	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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