



18 AWG 2-Conductor PVC-Jacketed Cable, 300 V, 80 °C Rated, 660 ft (200 m) Roll

- Tinned copper conductor, 34/0.16 mm stranding, 0.68 mm² area
- Rated 300 V at 80 °C conductor temperature
- Black PVC jacket, 0.95 mm average thickness, 5.5 mm overall diameter
- Red and black insulated conductors for polarity identification
- UL Style 2464 construction with VW-1 flame rating
- RoHS compliant and covered by a 1-year warranty

OVERVIEW

The CA2J-18 is an 18 AWG, 2-conductor cable with a PVC jacket, suitable for residential and commercial wiring applications. Supplied in 660-foot (200 m) rolls, it is priced and sold by the foot, allowing procurement of only the quantity required for a given project.

Construction consists of 34/0.16 mm tinned copper stranding at 0.68 mm² cross-section, PVC insulation in red and black, and a black PVC jacket of 0.95 mm average thickness over a 5.5 mm overall diameter. The cable is rated 300 V at 80 °C. The 660-foot roll format minimizes the number of splices or connections needed on larger runs.

Built to UL Style 2464 with a VW-1 flame rating under file E249743, and RoHS compliant. Backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime50,000 h

MECHANICAL

Product Dimensions5.5 mm overall diameter

Length200 m656.2 ft

FinishBlack jacket; red and black conductors

MaterialTinned copper conductor with PVC insulation and PVC jacket

Weight1 lb

ORDERING

Warranty1 y

ELECTRICAL

Operating Voltage300 V

Wire Gauge18 AWG

ENVIRONMENTAL

Ambient Operating Temperature80 °C176 °F

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

UL

UL Listed
E249743

APPLICATIONS

- Commercial signage and channel letter wiring
- Low-voltage lighting power runs
- Control panel and equipment interconnects
- Residential and commercial building wiring
- Appliance and machine internal wiring

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	300 V	pdf	high
wire_gauge	18 AWG	pdf	high
product_dimensions	5.5 mm overall diameter	pdf	high
length	200 m	pdf	high
finish	Black jacket; red and black conductors	pdf	high
material	Tinned copper conductor with PVC insulation and PVC jacket	pdf	high
weight	1 lb	db	high
ambient_temp_c	80 °C	pdf	medium
warranty_years	1 y	db	high

Specifications subject to change without notice.