



20 AWG 2 - Conductor Cable, UL2464 PVC Jacket, 300 V Rated, 984 ft Roll

- UL2464 construction, VW-1 flame rating under file E249743
- 21/0.16 mm tinned copper stranding, 0.42 mm² conductor area
- 0.90 mm average PVC jacket over 4.8 mm overall diameter
- Rated 300 V at 80 °C conductor temperature
- Red and black PVC-insulated conductors for polarity identification
- Supplied on 984 ft (300 m) rolls, priced per foot

OVERVIEW

The CA2J-20 is a 20 AWG, 2-conductor cable with a PVC jacket, sold per foot from a 984 ft (300 m) roll. It is designed for general electrical wiring in commercial and residential applications where a cost-effective, flexible conductor is required.

Conductors are 21/0.16 mm tinned copper with a cross-sectional area of 0.42 mm² and red and black PVC insulation at 0.33 mm average wall. The black PVC jacket averages 0.90 mm thick over a 4.8 mm overall diameter, and the cable is rated 300 V at 80 °C.

Built to UL2464 style with VW-1 flame rating under file E249743 and compliant with RoHS. Covered by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime50,000 h

MECHANICAL

Product Dimensions4.8 mm ±0.15 overall diameter

Length300 m
984.3 ft

FinishBlack jacket

MaterialTinned copper conductor,
PVC insulation and PVC jacket

Weight0.5 lb

ORDERING

Warranty1 y

ELECTRICAL

Operating Voltage300 V

Wire Gauge20 AWG

ENVIRONMENTAL

Ambient Operating Temperature80 °C
176 °F

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

UL

UL Listed
E249743

APPLICATIONS

- Low-voltage lighting runs
- Control and signal wiring
- Commercial fixture interconnects
- Residential electrical rough-in
- Sign and display 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	20 AWG	pdf	high
product_dimensions	4.8 mm ±0.15 overall diameter	pdf	high
length	300 m	pdf	high
finish	Black jacket	pdf	high
material	Tinned copper conductor, PVC insulation and PVC jacket	pdf	high
weight	0.5 lb	db	high
ambient_temp_c	80 °C	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.