



20 AWG 3-Conductor PVC-Jacketed Cable, UL2464 300 V, 660 ft (200 m) Roll

- UL2464 style construction, VW-1 flame rating
- Tinned copper conductors stranded 21/0.16 mm, 0.42 mm² area
- PVC insulation in red, black and yellow for circuit identification
- Black PVC jacket, 1.02 mm average thickness, 0.86 mm minimum
- 5.1 mm overall diameter, supplied in 660 ft (200 m) rolls
- RoHS compliant and backed by a 1-year warranty

OVERVIEW

The CA3J-20 is a 20 AWG, 3-conductor cable with a PVC jacket, supplied in 660 ft (200 m) rolls. It is suited for power and signal wiring in residential and commercial installations, including LED lighting systems and general low-voltage runs. Pricing is structured by length, allowing procurement of only the quantity required for a given project.

Conductors are tinned copper, stranded 21/0.16 mm to a 0.42 mm² cross-section, with PVC insulation in red, black and yellow. The black PVC jacket averages 1.02 mm thick over a 5.1 mm overall diameter, and the cable is rated 300 V at 80 degrees C.

Built to UL2464 style with VW-1 flame rating and RoHS compliance. Covered by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime50,000 h

MECHANICAL

Product Dimensions5.1 mm ±0.15 overall diameter

Length200 m656.2 ft

FinishBlack jacket

MaterialTinned copper conductor, PVC insulation and PVC jacket

ORDERING

Warranty1 y

ELECTRICAL

Operating Voltage300 V

Wire Gauge20 AWG

ENVIRONMENTAL

Ambient Operating Temperature80 °C176 °F

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

UL

UL Listed
E249743

APPLICATIONS

- Residential branch and low-voltage wiring
- Commercial LED lighting system runs
- Sign and channel letter power leads
- Control and signal interconnects
- Equipment and fixture harnessing

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	5.1 mm ±0.15 overall diameter	pdf	high
length	200 m	pdf	high
finish	Black jacket	pdf	high
material	Tinned copper conductor, PVC insulation and PVC jacket	pdf	high
ambient_temp_c	80 °C	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.