



4 - Conductor Flat Cable, 20 AWG, UL1007, 21/0.16TS Stranding, Sold per Foot

- 20 AWG tinned stranded copper conductor in 21/0.16TS construction
- Rated 300 V with an 80 degrees C conductor temperature rating
- PVC insulation at 0.38 mm nominal wall thickness, RoHS compliant
- Conductor resistance of 50 ohms/km at 20 degrees C
- Dielectric withstand tested at 2000 V AC for one minute
- Supplied from 967 -foot rolls and priced by the foot

OVERVIEW

The CA4-20 is a 4-conductor flat cable constructed with 20 AWG tinned stranded copper in a 21/0.16TS configuration, intended for commercial and industrial wiring runs where multiple conductors are carried in a single jacketed profile. It is sold by the foot from rolls of 967 feet, reducing splices and junctions over longer runs.

Conductors are PVC insulated to a nominal 0.38 mm wall, producing a flat cross section of 1.8 mm by 3.6 mm. The cable is rated 300 V at 80 degrees C, with a conductor resistance of 50 ohms/km at 20 degrees C and a 2000 V AC dielectric withstand test.

Materials meet RoHS environmental standards, the cable is rated to UL1007, and the product carries a one-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

MECHANICAL

Product Dimensions 1.8 mm x 3.6 mm nominal flat profile

Length 294.7 m 966.9 ft

Material Tinned stranded copper conductor with PVC insulation

ORDERING

Warranty 1 y

ELECTRICAL

Operating Voltage 300 V

Wire Gauge 20 AWG

ENVIRONMENTAL

Environmental Rating RoHS

Ambient Operating Temperature 80 °C 176 °F

CERTIFICATIONS & COMPLIANCE



RoHS Compliant

APPLICATIONS

- Commercial control panel wiring
- Industrial equipment interconnects
- Signage and lighting fixture harnesses
- Low-voltage device and appliance wiring
- Building system multi-conductor runs

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	1.8 mm x 3.6 mm nominal flat profile	pdf	high
length	294.7 m	pdf	medium
material	Tinned stranded copper conductor with PVC insulation	pdf	high
environmental_rating	RoHS	pdf	high
ambient_temp_c	80 °C	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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