



20 AWG 6-Conductor UL1007 Hookup Cable, 300 V, 50 ft Roll, Six Color-Coded Conductors

- 20 AWG conductors in 34/0.16TS tinned stranded copper
- 300 V rated, 80 C rated temperature per UL1007
- Six color-coded conductors: black, green, red, blue, yellow, white
- PVC insulation at 0.38 mm nominal wall thickness
- Conductor resistance of 30 ohms per km at 20 C
- RoHS compliant insulation compound

OVERVIEW

CA6-20-50 is a 6-conductor, 20 AWG hookup wire sold in 50 ft rolls, intended for internal wiring of electronic equipment, control panels, and lighting assemblies where multiple discrete signal or power runs are required in a single cable bundle. The six conductors are color-coded black, green, red, blue, yellow, and white, simplifying termination and circuit identification during installation.

Each conductor uses a 34/0.16TS tinned stranded copper construction with PVC insulation at 0.38 mm nominal thickness, rated 300 V and 80 °C to the UL1007 standard. Conductor resistance is 30 Ω/km at 20 °C, and the insulation withstands a 2000 V AC dielectric test.

Insulation material is compounded to RoHS requirements.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	300 V
Wire Gauge	20 AWG

MECHANICAL

Length	15.24 m 50.0 ft
Material	Tinned stranded copper conductor with PVC insulation

ENVIRONMENTAL

Environmental Rating	RoHS
Ambient Operating Temperature	80 °C 176 °F

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

APPLICATIONS

- Control panel and enclosure wiring
- Internal wiring of electronic equipment
- LED sign and lighting assembly harnesses
- Machine and OEM equipment build-outs
- Low-voltage device interconnects

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	300 V	pdf	high
wire_gauge	20 AWG	pdf	high
length	15.24 m	pdf	high
material	Tinned stranded copper conductor with PVC insulation	pdf	high
environmental_rating	RoHS	pdf	high
ambient_temp_c	80 °C	pdf	high

Specifications subject to change without notice.

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