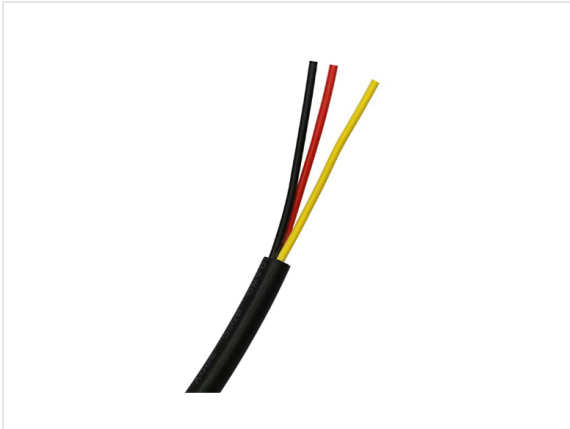




3-Conductor Cable, 18 AWG Tinned Copper, PVC Jacket, 300 V Rated, Black

- 18 AWG stranded tinned copper conductors in 34/0.16 mm construction
- 0.68 mm cross-sectional area per conductor for flexible routing
- PVC insulation color-coded red, black and yellow for identification
- Black PVC jacket with 0.91 mm average wall and 5.7 mm overall diameter
- Rated 300 V at 80 C conductor temperature
- IP20 non-waterproof rating, RoHS and CE compliant

OVERVIEW

Three-conductor 18 AWG cable with a black PVC jacket, supplied on rolls for indoor wiring runs in signage, LED lighting assemblies, control enclosures and general electrical distribution in dry locations.

Each conductor is stranded tinned copper in a 34/0.16 mm construction with a 0.68 mm cross-sectional area and a 1.08 mm stranded diameter. PVC primary insulation averages 0.365 mm and is color-coded red, black and yellow. The PVC jacket averages 0.91 mm for an overall cable diameter of 5.7 mm. The cable is rated 300 V at a conductor temperature of 80 C, and is non-waterproof with an IP20 rating.

RoHS and CE compliant. Backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime50,000 h

MECHANICAL

Product Dimensions5.7 mm overall diameter

Length20 m65.6 ft

FinishBlack

MaterialTinned copper conductor, PVC insulation and jacket

ORDERING

Warranty1 y

ELECTRICAL

Operating Voltage300 V

Wire Gauge18 AWG

ENVIRONMENTAL

IP RatingIP20

Environmental RatingNon-Waterproof

Ambient Operating Temperature80 °C176 °F

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

CE

CE

APPLICATIONS

- Illuminated sign wiring
- LED fixture and module interconnects
- Control panel and enclosure wiring
- Indoor low - voltage distribution runs
- Display and cabinet lighting harnesses

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	5.7 mm overall diameter	pdf	high
length	20 m	db	high
finish	Black	db	high
material	Tinned copper conductor, PVC insulation and jacket	pdf	high
ip_rating	IP20	db	high
environmental_rating	Non - Waterproof	db	high
ambient_temp_c	80 °C	pdf	medium
warranty_years	1 y	db	high

Specifications subject to change without notice.

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