

Class 4 Unshielded 3x16AWG Copper Cable

SPECIFICATIONS

Class 4 Copper Cable shall be UL listed and compliant with UL 1400-2 for Class 4 cabling. It shall be a component of an end-to-end Class 4 Fault Managed Power System (FMPS) that efficiently and safely carries significant power at higher voltages over long distances while enabling ease of installation and substantial time and cost savings. The conductors shall be 16/19 AWG stranded copper insulated with polyvinyl chloride. The copper conductors shall be twisted in pairs and covered by a flame retardant (CMP) PVC jacket.



TECHNICAL INFORMATION

Standards compliance:	Remote powering according to UL 1400-2 Class 4. Approvals - NEC Article 725, UL 13 type CL3P NEC Article 726, UL 1400-2 type CL4P, NEC Article 800, UL 444 CMP
Flame rating:	Plenum (CMP)
Conductors/insulators:	16/19 AWG stranded tinned copper insulated with PVC
Temperature rating:	-4°F to 167°F (-20°C to 75°C) during operation
Insulator diameter:	0.091 in. (2.3mm) nominal
Outer jacket diameter:	0.366 in. (9.3mm) nominal
Cable weight:	170 lbs. (78kg)/2000 ft.
Packaging:	2000 ft. (609m) on a reel

KEY FEATURES AND BENEFITS

Easy payout reel:	Ensures proper performance and provides quick installation
Length cable markings:	Print legend contains footage markings for ease during installation
Robust design:	Stranded conductors for flexibility, PVC jacket for durability
Certified performance:	Remote powering according to UL 1400-2 Class 4 and others

APPLICATIONS

Class 4 Unshielded 3x16 AWG Copper Cable may be used with indoor applications of Class 4 power distribution, Fault Managed Power Systems, and remote powering optimized for the Panduit Fault Managed Power System listed Class 4.

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Class 4 Cable: PXUP316A**-UQ

Panduit Fault Managed Power System

Transmitter Chassis PXTC1ARA

Power Supply Unit: PXU1AJANNNXX

Transmitter Module: PXTM1AF

Receiver: PXR1AJD

Mini-com[®] Power Connector

Power Connector Module: PXM1ARGRBL

**Color: BU (Blue), BL (Black), WH (White), RD (Red), OR (Orange), GR (Green), IG (International Gray), YL (Yellow), or VL (Violet)



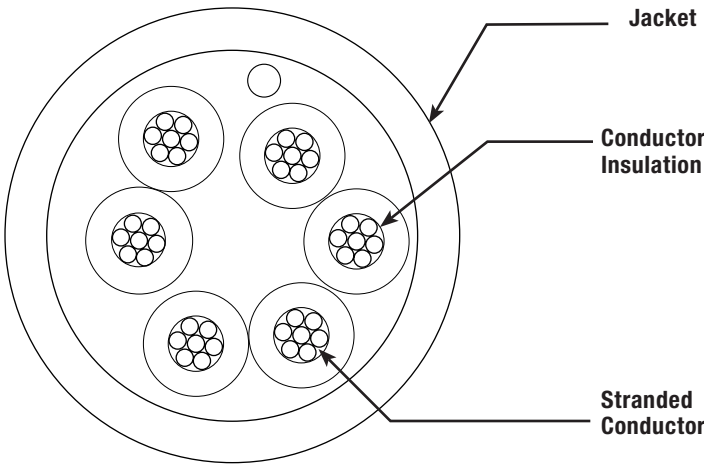
All Part Numbers Compliant with the U.S. Trade Agreements Act (TAA) for purchases shipped to the United States.

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ADDITIONAL SPECIFICATIONS

Mechanical Properties	Properties
Minimum Bend Radius (moving application):	10 x Cable Diameter
Minimum Bend Radius (fixed application):	5 x Cable Diameter
Electrical Properties	Properties
Voltage Rating (UL 1400-2):	450 Vrms
DC Loop Resistance (at 20 +/- 5°C):	< 29 ohms/km
Capacitance:	< 120 pF/km

ENGINEERING DRAWING



Dimensions are in inches. [Dimensions in brackets are metric].

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