Class 4 Unshielded 1x16 AWG Indoor CMP Copper Cable

PANDUIT®
SPECIFICATION SHEET

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.

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Part number: **PXUP116A**-CQ**

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

TECHNICAL INFORMATION

Standards:	UL 1400-2, UL1581, UL2556, NFPA 70 Article 726
Conductors/insulators:	16/19 AWG stranded tinned copper insulated with PVC
Insulation diameter:	0.089 in. – 0.093 in. (2.25mm – 2.35mm)
Flame rating:	CL4P
Temperature rating:	0°C to 50°C (32°F to 122°F) during installation -20°C to 75°C (-4°F to 167°F) during operation
Cable jacket:	PVC (CMP)
Cable diameter:	0.220 in. (5.6mm) nominal
Cable weight:	60 lbs./2000 ft. (27kg/609m)
Packaging:	2000 ft. (609m) on a reel Package tested to ISTA procedure 1A

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 1 x 16/19 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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ADDITIONAL SPECIFICATIONS

Mechanical Test	
Maximum pulling tension:	45 lbs.
Minimum bend radius:	10 x cable diameter
Electrical Test	
Voltage rating (UL 1400-2):	450 Vrms
DC resistance:	14.6 Ω/km nominal
Capacitance:	118 pF/Mt. nominal

ENGINEERING DRAWING