

Class 4 Unshielded 1x16AWG Indoor/Outdoor 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 16/7 AWG stranded tinned copper insulated with polyvinyl chloride. The copper conductors shall be twisted in pairs and covered by a sunlight resistant PVC (CMR) jacket for indoor/outdoor locations. Product is to be used in duct and conduit installations only. Not to be used in aerial or direct burial applications.



Class 4 Unshielded 1x16AWG
Indoor/Outdoor Copper Cable

CMR: PXUOR116BBL-UQ

TECHNICAL INFORMATION

Standards:	CL4R-FMP
Conductors/insulators:	16/7 AWG stranded tinned copper insulated with PVC
Insulation diameter:	0.095in. (2.40mm) nominal
Flame rating:	CMR
Temperature rating:	-10°C to 60°C (14°F to 140°F) during installation -30°C to 80°C (-22°F to 176°F) during operation
Cable jacket:	Sunlight resistant PVC (CMR)
Cable diameter:	0.269 in. (6.8 mm) nominal
Cable weight:	80 lbs./2000 ft (37kg/609m)
Packaging:	2000 ft. (609 m) 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. Sunlight resistant PVC jacket for durability and for use in Wet Locations per 1400-2 standard for Cables in Fault-Managed Power Systems
Certified performance:	Remote powering according to UL 1400-2 Class 4 and others

APPLICATIONS

Class 4 Unshielded 1 x 16/7 AWG Copper Cable may be used with indoor/outdoor 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:	4.02 Ω /1000 Ft Nominal
C-C Capacitance:	34 pF/Ft. Nominal

ENGINEERING DRAWING

