

Class 4 Unshielded 18AWG Power Patch Cord

SPECIFICATIONS

Class 4 Power Patch Cord shall be UL listed, compliant with UL 1400-2 for Class 4 cabling. Each power patch cord shall be cut to a specific predetermined length with pre-terminated ferrules on each end. 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 18 AWG stranded copper insulated with polyvinyl chloride. The copper conductors shall be a single pair 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:	18/19 AWG stranded tinned copper insulated with PVC
Temperature rating:	-4°F to 167°F (-20°C to 75°C) during operation
Insulator diameter:	0.077 in. – 0.081 in. (1.95mm – 2.05mm)
Outer jacket diameter:	0.197 in. (5.0mm) nominal
Cable weight:	44 lbs./2000 ft. (20kg/609m)

KEY FEATURES AND BENEFITS

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 18 AWG Power Patch Cords may be used with indoor applications of Class 4 power distribution, Fault Managed Power Systems, and remote powering optimized for the Panduit Class 4 listed, Fault Managed Power System.

Class 4 Unshielded 18 AWG Power Patch Cable

Class 4 Cable:	PXUP118PC8INWH 8"
	PXUP118PC1WH 1 ft
	PXUP118CP3WH 3 ft
	PXUP118CP5WH 5 ft
	PXUP118PC10WH 10 ft
	PXUP118PC15WH 15 ft

Panduit Fault Managed Power System

Transmitter Chassis	PXTC1ARA
Power Supply Unit:	PXU1AJANNNXX
Transmitter Module:	PXTM1AF
Receiver:	PXR1AJF

Mini-com® Power Connector

Power Connector Module:	PXM1ARGRBL
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**Color: White with Blue Stripe

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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

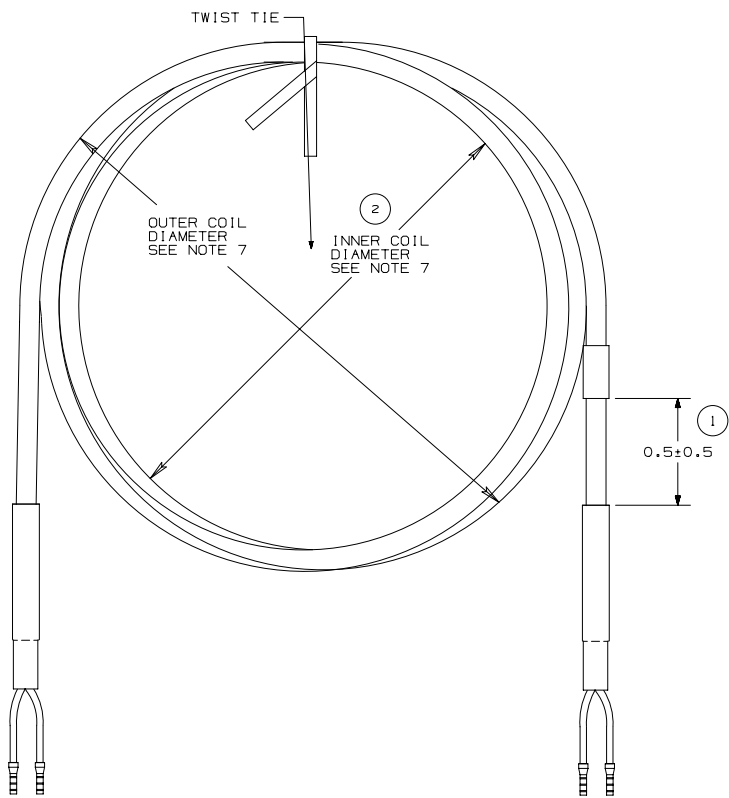


FIGURE #1

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