BELDEN

Product: 9427 ⬈

Portable Cordage, 16 C #16 Str BC, EPDM Ins, CPE Jkt, UL Type SO

▸▸ **Request Sample**

Product Description

Portable Cordage, 16 Conductor 16AWG (65x34) Bare Copper, EPDM Insulation, CPE Outer Jacket, UL Type SO

Technical Specifications

Product Overview

Suitable Applications:	extra hard service cordage; oil resistant applications; to power tools and appliances

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	16	16 AWG	65x34	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	EPDM - Ethylene Propylene Diene Monomer	0.033 in (0.84 mm)	0.123 in (3.12 mm)	Black, White, Red, Green, Orange, Blue, White/Black, Red/Black, Green/Black, Orange/Black, Blue/Black, Black/White, Red/White, Green/White, Blue/White, Black/Red

Outer Shield

Material
No Shield

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter	Ripcord
Paper Tape	CPE - Chlorinated Polyethylene (Thermoset)	0.1 in (2.5 mm)	0.787 in	Yes

Overall Cable Diameter (Nominal):	0.787 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
4.4 Ohm/1000ft	6 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
600 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-20°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
7.87 in (200 mm)	7.87 in

Max. Pull Tension:	520 lbs (240 kg)
Bulk Cable Weight:	375 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Oil Resistance
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 400, SO
AWM Compliance:	SO
CEC / C(UL) Compliance:	LL7874
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	Cabling Paper Seperator Tape

History

Update and Revision:	Revision Number: 0.357 Revision Date: 05-05-2023

Part Numbers

Variants

Item #	Color	UPC	Footnote
9427 0101000	Black	612825244981	C

Mouser Electronics

Authorized Distributor

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