



Product: [8455](#)

Portable Cordage, 5 C #20+18 Str TC, EPDM Ins, Rubber Jkt, UL AWM 4256

Request Sample

Product Description

Portable Cordage, 5 Conductor 20+18AWG (26x34, 41x34) Tinned Copper, EPDM Insulation, Rubber Outer Jacket, UL AWM 4256

Technical Specifications

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor1	3	20 AWG	26x34	TC - Tinned Copper
Conductor(s)	1	18 AWG	41x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor1	EPDM - Ethylene Propylene Diene Monomer	0.018 in (0.46 mm)	0.073 in (1.9 mm)	Brown, Green, White
Conductor2	EPDM - Ethylene Propylene Diene Monomer	0.018 in (0.46 mm)	0.083 in (2.1 mm)	Red, Black

Outer Shield

Material
No Shield

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
Paper Tape	SBR - Styrene Butadiene Rubber	0.031 in (0.79 mm)	0.28 in

Overall Cable Diameter (Nominal): 0.28 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Max. Current
Conductor(s)	11.8 Ohm/1000ft	3 Amps per Conductor at 25°C
Conductor(s)	7.4 Ohm/1000ft (24 Ohm/km)	7.5 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
2.8 in (71 mm)	2.8 in

Max. Pull Tension:	59.5 lbs (27.0 kg)
Bulk Cable Weight:	48 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
AWM Compliance:	AWM 4256
CEC / C(UL) Compliance:	LL7874
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

Product Notes

Notes:	Paper Separator Tape
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History

Update and Revision:	Revision Number: 0.359 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8455 010250	Black	Reel	250 ft	612825207900
8455 010U500	Black	Reel	500 ft	612825207894
8455 010U1000	Black	Reel	1,000 ft	612825207887

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