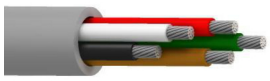
Product: 8465MN

SpaceMaker™, 5 C #18 Str TC, PO Ins, PVC Jkt, AWM 2937



Request Sample

Product Description

SpaceMaker™, 5 Conductor 18AWG (41x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

Technical Specifications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	5	18 AWG	41x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.067 in (1.7 mm)	Black, White, Red, Green, Brown

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.213 in

Overall Cable Diameter (Nominal):	0.213 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Characteristic Impedence	Max. Current
7.06 Ohm/1000ft	14.8 pF/ft (48.6 pF/m)	39 Ohm	4 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C To +80°C

Bend Radius

Stationary Min.	Installation Min.
2.130 in (54.10 mm)	2.130 in

Max. Pull Tension:	102.5 lbs (46.49 kg)
Bulk Cable Weight:	36 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
AWM Compliance:	AWM 2937
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.142 Revision Date: 05-05-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8465MN 006100	Blue, Light	Reel	100 ft	612825387046
8465MN 0061000	Blue, Light	Reel	1,000 ft	612825387053
8465MN 008100	Gray	Reel	100 ft	612825387060
8465MN 0081000	Gray	Reel	1,000 ft	612825387077
8465MN 004100	Yellow	Reel	100 ft	612825387022
8465MN 0041000	Yellow	Reel	1,000 ft	612825387039

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