



Product: [8870MN](#)



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

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Product Description

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

Technical Specifications

Construction Details

Conductor

Element	Number of Element	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, Dark Green, Brown

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (19x30H) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.217 in

Overall Cable Diameter (Nominal):	0.217 in.
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
7.06 Ohm/1000ft	4 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature
80°C

Bend Radius

Stationary Min.	Installation Min.
0.868 in (22.0 mm)	0.868 in

Max. Pull Tension:	127.2 lbs (57.70 kg)
Bulk Cable Weight:	42 lbs/1000ft

Standards and Compliance

Flammability / Reaction to Fire:	FT2
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.194 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8870MN 006100	Blue, Light	Reel	100 ft	612825390879
8870MN 0061000	Blue, Light	Reel	1,000 ft	612825390848
8870MN 008100	Gray	Reel	100 ft	612825390886
8870MN 0081000	Gray	Reel	1,000 ft	612825390855
8870MN 004100	Yellow	Reel	100 ft	612825390862
8870MN 0041000	Yellow	Reel	1,000 ft	612825390831

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