

Product: [8874MN](#) 

SpaceMaker™, 15 C #18 Str TC, PO Ins, OS, PVC Jkt, AWM 2937



 [Request Sample](#)

Product Description

SpaceMaker™, 15 Conductor 18AWG (41x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	15	18 AWG	41x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.01 in (0.25 mm)	0.067 in (1.7 mm)	Black, White, Red, Green, Brown, Blue, Orange, Yellow, Purple, Gray, Pink, Tan, Aqua, Light Green, Light Blue

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (19x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.351 in (8.92 mm)

Overall Cable Diameter (Nominal):	0.351 in (8.92 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedence	Max. Current
7.06 Ohm/1000ft	39 pF/ft (130 pF/m)	14.8 pF/ft (48.6 pF/m)	39 Ohm	3.5 Amps per Conductor at 25°C

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.
1.404 in (35.66 mm)	1.404 in (35.66 mm)

Max. Pull Tension:	317 lbs (144 kg)
Bulk Cable Weight:	107 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
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)

History

Update and Revision:	Revision Number: 0.261 Revision Date: 01-25-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8874MN 006100	Blue, Light	Reel	100 ft	612825391845
8874MN 0061000	Blue, Light	Reel	1,000 ft	612825391876
8874MN 008100	Gray	Reel	100 ft	612825391852
8874MN 0081000	Gray	Reel	1,000 ft	612825391883
8874MN 004100	Yellow	Reel	100 ft	612825391838
8874MN 0041000	Yellow	Reel	1,000 ft	612825391869

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