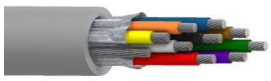
Product: 8872MN

SpaceMaker™, 9 C #18 Str TC, PO Ins, OS, PVC Jkt, AWM 2937



Request Sample

Product Description

SpaceMaker™, 9 Conductor 18AWG (41x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Product Overview

Suitable Applications:	LOW , TEMPERATURE , AUDIO , CONTROL , INSTRUMENTATION , SIGNAL TRANSMISSION , PROCESS , FLOW , MICROPROCESSOR , HVAC , MULTICONDUCTOR , CABLE SCREENED , SCREENED CABLE, classics

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	9	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, Dark Blue, Orange, Yellow, Purple

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)	0.279 in

Overall Cable Diameter (Nominal):	0.279 in.

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 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.
1.116 in (28.35 mm)	1.116 in

Max. Pull Tension:	184.5 lbs (83.69 kg)
Bulk Cable Weight:	68 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: 0.241 Revision Date: 05-05-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8872MN 006100	Blue, Light	Reel	100 ft	612825391142
8872MN 0061000	Blue, Light	Reel	1,000 ft	612825391111
8872MN 008100	Gray	Reel	100 ft	612825391159
8872MN 0081000	Gray	Reel	1,000 ft	612825391128
8872MN 004100	Yellow	Reel	100 ft	612825391135
8872MN 0041000	Yellow	Reel	1,000 ft	612825391104

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