



Product: [8877MN](#)



SpaceMaker™, 7 C #20 Str TC, PO Ins, OS, PVC Jkt, AWM 2937

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Product Description

SpaceMaker™, 7 Conductor 20AWG (26x34) 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)	7	20 AWG	26x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.01 in (0.25 mm)	0.057 in (1.4 mm)	Black, White, Red, Green, Brown, Blue, Orange

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (7x28) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.207 in

Overall Cable Diameter (Nominal):	0.207 in
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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
11.2 Ohm/1000ft	15.7 pF/ft (51.5 pF/m)	61.3 pF/ft (201 pF/m)	47 Ohm	2.66 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.
0.830 in (21.1 mm)	0.830 in

Max. Pull Tension:	103.6 lbs (46.99 kg)
Bulk Cable Weight:	37 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)
Other Standard Compliance(s):	NFPA 79

History

Update and Revision:	Revision Number: 0.216 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8877MN 006100	Blue, Light	Reel	100 ft	612825392460
8877MN 0061000	Blue, Light	Reel	1,000 ft	612825392477
8877MN 008100	Gray	Reel	100 ft	612825392484
8877MN 0081000	Gray	Reel	1,000 ft	612825392491
8877MN 004100	Yellow	Reel	100 ft	612825392446
8877MN 0041000	Yellow	Reel	1,000 ft	612825392453

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