

## Product: [9457MN](#)

SpaceMaker™, 12 C #20 Str TC, PO Ins, PVC Jkt, AWM 2937



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### Product Description

SpaceMaker™, 12 Conductor 20AWG (26x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

### Technical Specifications

#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	12	20 AWG	26x34	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.057 in (1.4 mm)	Black, White, Red, Green, Brown, Blue, Orange, Yellow, Purple, Gray, Pink, Tan

##### Outer Shield

Material
No Shield

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.269 in

Overall Cable Diameter (Nominal): 0.269 in

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Characteristic Impedance	Max. Current
11.2 Ohm/1000ft	15.7 pF/ft (51.5 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.
1.080 in (27.43 mm)	1.080 in

Max. Pull Tension: 156 lbs (70.8 kg)

Bulk Cable Weight: 54 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
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
9457MN 006100	Blue, Light	Reel	100 ft	612825389675
9457MN 0061000	Blue, Light	Reel	1,000 ft	612825389682
9457MN 008100	Gray	Reel	100 ft	612825389699
9457MN 0081000	Gray	Reel	1,000 ft	612825389705
9457MN 004100	Yellow	Reel	100 ft	612825389651
9457MN 0041000	Yellow	Reel	1,000 ft	612825389668

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