
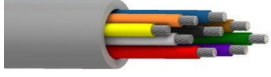


**Product:** [8469MN](#) 



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

 [Request Sample](#)

**Product Description**

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

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
18	41x34	TC - Tinned Copper	9

Conductor Count: 9

**Insulation**

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 in

**Color Chart**

Number	Color
1	Black
2	White
3	Red
4	Dark Green
5	Brown
6	Dark Blue
7	Orange
8	Yellow
9	Purple

**Outer Shield Material**

Material
No Shield

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.275 in	0.016 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
6.5 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
14.8 pF/ft

**Inductance**

<b>Nominal Inductance</b>
0.022 µH/ft

#### Impedance

<b>Nominal Characteristic Impedance</b>
39 Ohm

#### Voltage

<b>UL Voltage Rating</b>
300 V RMS

#### Temperature Range

UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

#### Mechanical Characteristics

Bulk Cable Weight:	88 lbs/1000ft
Max. Pull Tension:	117 lbs
Min Bend Radius (Continuous Flexing):	2.750 in

#### Standards

UL AWM Style Compliance:	AWM 2937 (300 V 80°C), NFPA 79
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#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

#### Suitability

Suitability - Indoor:	Yes
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#### Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT2
UL voltage rating:	300 V RMS

#### Part Number

##### Variants

Item #	Color	Putup Type	Length	UPC
8469MN 006100	Blue, Light	Reel	100 ft	612825387879
8469MN 0061000	Blue, Light	Reel	1,000 ft	612825387886
8469MN 008100	Gray	Reel	100 ft	612825387893
8469MN 0081000	Gray	Reel	1,000 ft	612825387909
8469MN 004100	Yellow	Reel	100 ft	612825387855
8469MN 0041000	Yellow	Reel	1,000 ft	612825387862

#### History

Update and Revision:	Revision Number: 0.120 Revision Date: 02-16-2021
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