
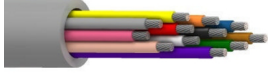


**Product:** [8466MN](#) 

SpaceMaker™, 12 C #18 Str TC, PO Ins, PVC Jkt, AWM 2937



 [Request Sample](#)

**Product Description**

SpaceMaker™, 12 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	12

Conductor Count:

**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
10	Gray
11	Pink
12	Tan

**Outer Shield Material**

Material
No Shield

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.310 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****Nominal Inductance**

0.022 µH/ft

**Impedance****Nominal Characteristic Impedance**

39 Ohm

**Voltage****UL Voltage Rating**

300 V RMS

**Temperature Range**

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

**Mechanical Characteristics**

Bulk Cable Weight:	113 lbs/1000ft
Max. Pull Tension:	156 lbs
Min Bend Radius During Installation:	1.240 in
Min Bend Radius (Continuous Flexing):	3.100 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
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

**Suitability**

Suitability - Indoor:	Yes
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**Flammability, LSOH, Toxicity Testing**

CSA Flammability:	FT2
UL voltage rating:	300 V RMS

**Part Number****Variants**

Item #	Color	Putup Type	Length	UPC
8466MN 006100	Blue, Light	Reel	100 ft	612825387114
8466MN 0061000	Blue, Light	Reel	1,000 ft	612825387121
8466MN 008100	Gray	Reel	100 ft	612825387107
8466MN 0081000	Gray	Reel	1,000 ft	612825387138
8466MN 004100	Yellow	Reel	100 ft	612825387084
8466MN 0041000	Yellow	Reel	1,000 ft	612825387114

**History**

Update and Revision:	Revision Number: 0.118 Revision Date: 06-24-2020
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