

**Product:** [8871MN](#) 

SpaceMaker™, 7 C #18 Str TC, PO Ins, OS, PVC Jkt, AWM 2937



 [Request Sample](#)

## Product Description

SpaceMaker™, 7 Conductor 18AWG (41x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
18	41x34	TC - Tinned Copper	7

Conductor Count:

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 in

#### Color Chart

Color
Black
White
Red
Dark Green
Brown
Dark Blue
Orange

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	18

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.237 in	0.016 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
39 pF/ft	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:	74 lbs/1000ft
Max. Pull Tension:	91 lbs
Min Bend Radius/Minor Axis:	2.37 in

#### Standards

NEC Articles:	Article 800
UL AWM Style Compliance:	UL Style AWM 2937 (300 V 80C)
Other Compliance:	NFPA 79

#### 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:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

#### 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
8871MN 006100	Blue, Light	Reel	100 ft	612825391050
8871MN 0061000	Blue, Light	Reel	1,000 ft	612825391081
8871MN 008100	Gray	Reel	100 ft	612825391067
8871MN 0081000	Gray	Reel	1,000 ft	612825391098
8871MN 004100	Yellow	Reel	100 ft	612825391043
8871MN 0041000	Yellow	Reel	1,000 ft	612825391074

#### History

Update and Revision:	Revision Number: 0.132 Revision Date: 02-16-2021
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