


**Product:** [8770MN](#) 

SpaceMaker™, 3 C #18 Str TC, PO Ins, OS, PVC Jkt, AWM 2937



 [Request Sample](#)

## Product Description

SpaceMaker™, 3 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	3

Conductor Count: 3

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 in

#### Color Chart

Color
Black
White
Red

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	20

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.181 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
43.4 pF/ft	14.8 pF/ft

#### Inductance

Nominal Inductance
0.022 µH/ft

#### Impedance

Nominal Characteristic Impedance
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:	36 lbs/1000ft
Max Recommended Pulling Tension:	39 lbs
Min Bend Radius/Minor Axis:	1.8 in

## Standards

NEC Articles:	800
UL AWM Style:	UL Style AWM 2937 (300 V 80C)
Other Specification:	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	UPC	Length
8770MN 006100	Blue, Light	612825386230	100 ft
8770MN 0061000	Blue, Light	612825386261	1,000 ft
8770MN 008100	Gray	612825386247	100 ft
8770MN 0081000	Gray	612825386278	1,000 ft
8770MN 004100	Yellow	612825386223	100 ft
8770MN 0041000	Yellow	612825386254	1,000 ft

## History

Update and Revision:	Revision Number: 0.116 Revision Date: 12-19-2019
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