



**Product:** [9761MN](#)

SpaceMaker™, 4 Pr #16 Str TC, PO Ins, IS, PVC Jkt, AWM 2937

### Product Description

SpaceMaker™, 4 Pair 16AWG (65x34) Tinned Copper, PO Insulation, Individual Beldfoil® Shield, PVC Outer Jacket, AWM 2937

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Pairs
16	65x34	TC - Tinned Copper	4

Conductor Count:	8
Total Number of Pairs:	4

##### Insulation

Material	Nominal Diameter
PP - Polypropylene	0.074 in

##### Color Chart

Number	Color
Pair 1	Black and White
Pair 2	Red and Dark Green
Pair 3	Brown and Dark Blue
Pair 4	Orange and Yellow

##### Inner Shield

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

##### Outer Shield

Type
No Shield

##### Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.372 in	0.016 in

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
4.4 Ohm/1000ft	2.3 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor
51 pF/ft

## Inductance

### Nominal Inductance

0.153 µH/ft

## Voltage

### UL Voltage Rating

300 V

## Temperature Range

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

## Mechanical Characteristics

Bulk Cable Weight:	118 lbs/1000ft
Max. Pull Tension:	383 lbs
Min. Bend Radius/Minor Axis:	3.7 in

## Standards

NEC Articles:	Article 800
UL AWM Style Compliance:	AWM 2937

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU CE Mark:	Yes

## Suitability

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

CSA Flammability:	FT2
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## Related Part Numbers

## Variants

Item #	Color	Put-Up Type	Length	UPC
9761MN 006100	Blue, Light	Reel	100 ft	612825430629
9761MN 0061000	Blue, Light	Reel	1,000 ft	612825430636
9761MN 008100	Gray	Reel	100 ft	612825430643
9761MN 0081000	Gray	Reel	1,000 ft	612825430650
9761MN 004100	Yellow	Reel	100 ft	612825430605
9761MN 0041000	Yellow	Reel	1,000 ft	612825430612

## History

Update and Revision:	Revision Number: 0.73 Revision Date: 07-19-2023
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