



**THE DATASHEET OF**  
**8760MN 008100**



**Part Number:** 8760MN

SpaceMaker™, 2 C #18 Str TC, PO Ins, OS, PVC Jkt, AWM 2937



[Request Sample](#)

**Product Description**

SpaceMaker™, 2 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 Pairs
18	41x34	TC - Tinned Copper	1

Conductor Count:	2
Total Number of Pairs:	1
Conductor Size:	18 AWG

**Insulation**

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 in

**Color Chart**

Number	Color
1	Black & White

**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	0.169 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
76.9 pF/ft	40.6 pF/ft

**Inductance**

Nominal Inductance
0.170 µH/ft

**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:	20 lbs/1000ft
Max Recommended Pulling Tension:	54 lbs
Min Bend Radius During Installation:	0.680 in
Min Bend Radius (Continuous Flexing):	1.690 in

## Standards

UL AWM Style:	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
CA Prop 65 (CJ for Wire & Cable):	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	UPC	Length
8760MN 006100	Blue, Light	612825385837	100 ft
8760MN 0061000	Blue, Light	612825385844	1,000 ft
8760MN 008100	Gray	612825385851	100 ft
8760MN 0081000	Gray	612825382652	1,000 ft
8760MN 004100	Yellow	612825385813	100 ft
8760MN 0041000	Yellow	612825385820	1,000 ft

## History

Update and Revision:	Revision Number: 0.100 Revision Date: 07-11-2019
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