



Product: [8846MN](#) 

SpaceMaker™, 7 C #16 Str TC, PO Ins, PVC Jkt, AWM 2937

Product Description

SpaceMaker™, 7 Conductor 16AWG (65x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	65x34	TC - Tinned Copper	7

Conductor Count:	7
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Insulation

Material	Nominal Diameter
PP - Polypropylene	0.074 in

Color Chart

Number	Color
1	Black
2	White
3	Red
4	Dark Green
5	Brown
6	Dark Blue
7	Orange

Outer Shield

Type
No Shield

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.254 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
21 pF/ft

Voltage

UL Voltage Rating
300 V

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	69 lbs/1000ft
Maximum Recommended Pulling Tension:	228 lbs
Minimum Minor Axis Bend Radius:	2.5 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
8846MN 006100	Blue, Light	Reel	100 ft	612825427858
8846MN 0061000	Blue, Light	Reel	1,000 ft	612825427865
8846MN 008100	Gray	Reel	100 ft	612825427872
8846MN 0081000	Gray	Reel	1,000 ft	612825427889
8846MN 004100	Yellow	Reel	100 ft	612825427834
8846MN 0041000	Yellow	Reel	1,000 ft	612825427841

History

Update and Revision:	Revision Number: 0.40 Revision Date: 07-19-2023
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