



Product: [8849MN](#) 

SpaceMaker™, 15 C #16 Str TC, PO Ins, PVC Jkt, AWM 2937

Product Description

SpaceMaker™, 15 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	15

Conductor Count:	15
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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
8	Yellow
9	Purple
10	Gray
11	Pink
12	Tan
13	Aqua
14	Light Green
15	Light Blue

Outer Shield

Type
No Shield

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.380 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:	157 lbs/1000ft
Maximum Recommended Pulling Tension:	488 lbs
Minimum Minor Axis Bend Radius:	3.8 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
8849MN 006100	Blue, Light	Reel	100 ft	612825415268
8849MN 0061000	Blue, Light	Reel	1,000 ft	612825415275
8849MN 008100	Gray	Reel	100 ft	612825415282
8849MN 0081000	Gray	Reel	1,000 ft	612825415299
8849MN 004100	Yellow	Reel	100 ft	612825415244
8849MN 0041000	Yellow	Reel	1,000 ft	612825415251

History

Update and Revision:	Revision Number: 0.104 Revision Date: 04-03-2025
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