
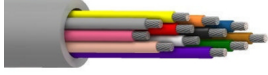


Product: [8457MN](#) 

SpaceMaker™, 12 C #22 Str TC, PO Ins, PVC Jkt, AWM 2937



 [Request Sample](#)

Product Description

SpaceMaker™, 12 Conductor 22AWG (19x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	19x34	TC - Tinned Copper	12

Conductor Count: 12

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 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

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.240 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
14.9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

16.6 pF/ft

Inductance**Nominal Inductance**

0.031 µH/ft

Impedance**Nominal Characteristic Impedance**

51 Ohm

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:	62 lbs/1000ft
Max. Pull Tension:	61 lbs
Min Bend Radius During Installation:	0.960 in
Min Bend Radius (Continuous Flexing):	2.400 in

Standards

UL AWM Style Compliance:	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

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

CSA Flammability:	FT2
UL voltage rating:	300 V RMS

Part Number**Variants**

Item #	Color	Putup Type	Length	UPC
8457MN 006100	Blue, Light	Reel	100 ft	612825389828
8457MN 0061000	Blue, Light	Reel	1,000 ft	612825389859
8457MN 008100	Gray	Reel	100 ft	612825389835
8457MN 0081000	Gray	Reel	1,000 ft	612825389866
8457MN 004100	Yellow	Reel	100 ft	612825389811
8457MN 0041000	Yellow	Reel	1,000 ft	612825389842

History

Update and Revision:	Revision Number: 0.114 Revision Date: 06-24-2020
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