



Product: [8886MN](#)

SpaceMaker™, 15 C #22 Str TC, PO Ins, OS, PVC Jkt, AWM 2937



Request Sample

Product Description

SpaceMaker™, 15 Conductor 22AWG (19x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	19x34	TC - Tinned Copper	15

Conductor Count:	15
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.016 in

Color Chart

Color
Black
White
Red
Dark Green
Brown
Dark Blue
Orange
Yellow
Purple
Gray
Pink
Tan
Aqua
Light Green
Light Blue

Outer Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	22

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.271 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR

14.9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
33.0 pF/ft	66.0 pF/ft

Inductance

Nominal Inductance
0.031 μ H/ft

Impedance

Nominal Characteristic Impedance
22 Ohm

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	74 lbs/1000ft
Max. Pull Tension:	77 lbs
Min. Bend Radius During Installation:	1.080 in
Min. Bend Radius (Continuous Flexing):	2.710 in

Standards

UL AWM Style Compliance:	AWM 2937 (300 V 80C)
Other Specification:	NFPA 79

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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

CSA Flammability:	FT2
UL voltage rating:	300 V RMS

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
8886MN 006100	Blue, Light	Reel	100 ft	612825393047
8886MN 0061000	Blue, Light	Reel	1,000 ft	612825393054
8886MN 008100	Gray	Reel	100 ft	612825393061
8886MN 0081000	Gray	Reel	1,000 ft	612825393078
8886MN 004100	Yellow	Reel	100 ft	612825393023
8886MN 0041000	Yellow	Reel	1,000 ft	612825393030

History

Update and Revision:	Revision Number: 0.219 Revision Date: 05-05-2023
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