


Product: [8442MN](#) 



SpaceMaker™, 2 C #22 Str TC, PO Ins, PVC Jkt, AWM 2937

 [Request Sample](#)

Product Description

SpaceMaker™, 2 Conductor 22AWG (19x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
22	19x34	TC - Tinned Copper	1

Conductor Count:

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 in

Color Chart

Color
Black & White

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.132 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
14.9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
13.4 pF/ft

Inductance

Nominal Inductance
0.176 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:	9 lbs/1000ft
Max. Pull Tension:	18 lbs
Min Bend Radius During Installation:	0.530 in
Min Bend Radius (Continuous Flexing):	1.320 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, LS0H, Toxicity Testing

CSA Flammability:	FT2
UL voltage rating:	300 V RMS

Part Number

Variants

Item #	Color	UPC
8442MN 006100	Blue, Light	612825385653
8442MN 0061000	Blue, Light	612825385622
8442MN 008100	Gray	612825385639
8442MN 0081000	Gray	612825382645
8442MN 004100	Yellow	612825385646
8442MN 0041000	Yellow	612825385615

History

Update and Revision:	Revision Number: 0.220 Revision Date: 04-28-2020
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