

Product: [8771MN](#) 

SpaceMaker™, 3 C #22 Str TC, PO Ins, OS, PVC Jkt, AWM 2937



 [Request Sample](#)

Product Description

SpaceMaker™, 3 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	3

Conductor Count:

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.01 in

Color Chart

Color
Black
White
Red

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.144 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 µH/ft

Impedance

Nominal Characteristic Impedance

22 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:	22 lbs/1000ft
Max. Pull Tension:	15 lbs
Min Bend Radius During Installation:	0.58 in
Min Bend Radius (Continuous Flexing):	1.440 in

Standards

NEC/(UL) Compliance:	800
UL AWM Style Compliance:	UL Style AWM 2937 (300 V 80C)
Other Compliance:	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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	Yes
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	UPC
8771MN 006100	Blue, Light	612825386407
8771MN 0061000	Blue, Light	612825386414
8771MN 008100	Gray	612825386421
8771MN 0081000	Gray	612825386438
8771MN 004100	Yellow	612825386384
8771MN 0041000	Yellow	612825386391

History

Update and Revision:	Revision Number: 0.185 Revision Date: 09-30-2020
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