


Product: [8463MN](#) 

SpaceMaker™, 3 C #18 Str TC, PO Ins, PVC Jkt, AWM 2937



 [Request Sample](#)

Product Description

SpaceMaker™, 3 Conductor 18AWG (41x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	41x34	TC - Tinned Copper	3

Conductor Count:

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 in

Color Chart

Number	Color
1	Black
2	White
3	Red

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.176 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
14.8 pF/ft

Inductance

Nominal Inductance
0.022 µH/ft

Impedance

Nominal Characteristic Impedance
39 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:	35 lbs/1000ft
Max. Pull Tension:	39 lbs
Min Bend Radius During Installation:	0.700 in
Min Bend Radius (Continuous Flexing):	1.760 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	UPC
8463MN 006100	Blue, Light	612825390992
8463MN 0061000	Blue, Light	612825391029
8463MN 008100	Gray	612825391005
8463MN 0081000	Gray	612825391036
8463MN 004100	Yellow	612825390985
8463MN 0041000	Yellow	612825391012

History

Update and Revision:	Revision Number: 0.199 Revision Date: 06-24-2020
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