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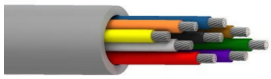
SENDING ALL THE RIGHT SIGNALS



Product: 8469MN

SpaceMaker™, 9 C #18 Str TC, PO Ins, PVC Jkt, AWM 2937

Request Sample

Product Description

SpaceMaker™, 9 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	9

Conductor Count:	9

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

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.275 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:	88 lbs/1000ft
Max. Pull Tension:	117 lbs
Min Bend Radius (Continuous Flexing):	2.750 in

Standards

UL AWM Style Compliance:	AWM 2937 (300 V 80°C), 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:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT2
UL voltage rating:	300 V RMS

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8469MN 006100	Blue, Light	Reel	100 ft	612825387879
8469MN 0061000	Blue, Light	Reel	1,000 ft	612825387886
8469MN 008100	Gray	Reel	100 ft	612825387893
8469MN 0081000	Gray	Reel	1,000 ft	612825387909
8469MN 004100	Yellow	Reel	100 ft	612825387855
8469MN 0041000	Yellow	Reel	1,000 ft	612825387862

History

Update and Revision:	Revision Number: 0.119 Revision Date: 06-24-2020

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