
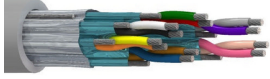


Product: [9774MN](#) 



SpaceMaker™, 6 Pr #18 Str TC, PO Ins, IS/OS, PVC Jkt, AWM 2937

 [Request Sample](#)

Product Description

SpaceMaker™, 6 Pair 18AWG (41x34) Tinned Copper, PO Insulation, Individual & Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material
18	41x34	TC - Tinned Copper

Total Number of Pairs:	6
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 in

Color Chart

Number	Color
1	Black & White
2	Red & Dark Green
3	Brown & Dark Blue
4	Orange & Yellow
5	Purple & Gray
6	Pink & Tan

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Alum / Poly	Beldfoil®	100%	TC - Tinned Copper	20

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Alum / Poly	Beldfoil®	100%	TC - Tinned Copper	18

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.439 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
43.4 pF/ft	81.6 pF/ft

Inductance

Nominal Inductance
0.022 µH/ft

Impedance

Nominal Characteristic Impedance
39 Ohm

Voltage

UL Voltage Rating
300 V

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	129 lbs/1000ft
Max. Pull Tension:	354 lbs
Min Bend Radius During Installation:	1.760 in
Min Bend Radius (Continuous Flexing):	4.390 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

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT2
UL voltage rating:	300 V RMS

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9774MN 006100	Blue, Light	Reel	100 ft	612825385738
9774MN 0061000	Blue, Light	Reel	1,000 ft	612825385745
9774MN 008100	Gray	Reel	100 ft	612825385752
9774MN 0081000	Gray	Reel	1,000 ft	612825382706
9774MN 004100	Yellow	Reel	100 ft	612825385714
9774MN 0041000	Yellow	Reel	1,000 ft	612825385721

History

Update and Revision:	Revision Number: 0.134 Revision Date: 04-28-2020
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regulations based on their individual usage of the product.