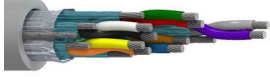




Product: [9780MN](#)

SpaceMaker™, 5 Pr #18 Str TC, PO Ins, IS/OS, PVC Jkt, AWM 2937



Request Sample

Product Description

SpaceMaker™, 5 Pair 18AWG (41x34) Tinned Copper, PO Insulation, Individual & Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	5	18 AWG	41x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.067 in (1.7 mm)	Black & White, Red & Green, Brown & Blue, Orange & Yellow, Purple & Gray

Inner Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (19x32) TC

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (19x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.372 in

Overall Cable Diameter (Nominal): 0.372 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
7.06 Ohm/1000ft	43.4 pF/ft (142 pF/m)	81.6 pF/ft (268 pF/m)	39 Ohm	9.8 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
1.488 in (37.80 mm)	1.488 in

Max. Pull Tension:	244.7 lbs (111.0 kg)
Bulk Cable Weight:	101 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	FT2, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
AWM Compliance:	AWM 2937
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.401 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	UPC
9780MN 006100	Blue, Light	612825392163
9780MN 0061000	Blue, Light	612825392170
9780MN 008100	Gray	612825392187
9780MN 0081000	Gray	612825392194
9780MN 004100	Yellow	612825392149
9780MN 0041000	Yellow	612825392156

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