Product: 9779MN



SpaceMaker™, 4 Pr #18 Str TC, PO Ins, IS/OS, PVC Jkt, AWM 2937

Request Sample

Product Description

SpaceMaker™, 4 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)	4	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

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)	0.343 in

Overall Cable Diameter (Nominal):	0.343 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 30ºC

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.
1.372 in (34.85 mm)	1.372 in

Max. Pull Tension:	203.7 lbs (92.40 kg)
Bulk Cable Weight:	82 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	FT2
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)

History

Update and Revision:	Revision Number: 0.222 Revision Date: 05-05-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9779MN 006100	Blue, Light	Reel	100 ft	612825392095
9779MN 0061000	Blue, Light	Reel	1,000 ft	612825392101
9779MN 008100	Gray	Reel	100 ft	612825392118
9779MN 0081000	Gray	Reel	1,000 ft	612825392125
9779MN 004100	Yellow	Reel	100 ft	612825392132
9779MN 0041000	Yellow	Reel	1,000 ft	612825392088

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