



Product: [8781MN](#)



SpaceMaker™, 5 Pr #22 Str TC, PO Ins, IS/OS, PVC Jkt, AWM 2937

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Product Description

SpaceMaker™, 5 Pair 22AWG (19x34) 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	22 AWG	19x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.050 in (1.3 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%	24 AWG (19x36) TC

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (19x34) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.289 in

Overall Cable Diameter (Nominal):	0.289 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
18.1 Ohm/1000ft	33 pF/ft (110 pF/m)	62.7 pF/ft (206 pF/m)	51 Ohm	4.8 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.
1.156 in (29.36 mm)	1.156 in

Max. Pull Tension:	110.4 lbs (50.08 kg)
Bulk Cable Weight:	52 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	FT2
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: 0.286 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8781MN 006100	Blue, Light	Reel	100 ft	612825392989
8781MN 0061000	Blue, Light	Reel	1,000 ft	612825392996
8781MN 008100	Gray	Reel	100 ft	612825393016
8781MN 0081000	Gray	Reel	1,000 ft	612825393009
8781MN 004100	Yellow	Reel	100 ft	612825392965
8781MN 0041000	Yellow	Reel	1,000 ft	612825392972

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