


Product: [8770MN](#) 

SpaceMaker™, 3 C #18 Str TC, PO Ins, OS, PVC Jkt, AWM 2937



 [Request Sample](#)

Product Description

SpaceMaker™, 3 Conductor 18AWG (41x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Construction Details

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	18	41x34	TC - Tinned Copper	3

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.067 in (1.7 mm)	Black, White, Red

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.181 in

Overall Cable Diameter (Nominal): 0.181 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedence	Nom. Inductance	Max. Current
7.06 Ohm/1000ft	43.4 pF/ft (142 pF/m)	14.8 pF/ft (48.6 pF/m)	39 Ohm	0.022 μH/ft (0.072 μH/m)	5 Amps per Conductor at 25°C

Nom Outer Shield DCR: 8.17 Ohm/1000ft (26.8 Ohm/km)

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.
0.724 in (18.4 mm)	0.724 in

Max. Pull Tension: 76.5 lbs (34.7 kg)

Bulk Cable Weight: 27 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
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: 0.218 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8770MN 006100	Blue, Light	Reel	100 ft	612825386230
8770MN 0061000	Blue, Light	Reel	1,000 ft	612825386261
8770MN 008100	Gray	Reel	100 ft	612825386247
8770MN 0081000	Gray	Reel	1,000 ft	612825386278
8770MN 004100	Yellow	Reel	100 ft	612825386223
8770MN 0041000	Yellow	Reel	1,000 ft	612825386254

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