

Product: [8463MN](#)

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


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Product Description

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

Technical Specifications
Construction Details
Conductor

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

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

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.176 in

Overall Cable Diameter (Nominal): 0.176 in

Electrical Characteristics
Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Characteristic Impedance	Nom. Inductance	Max. Current
7.06 Ohm/1000ft	14.8 pF/ft (48.6 pF/m)	39 Ohm	0.022 μ H/ft (0.072 μ H/m)	5 Amps per Conductor at 25°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.
0.700 in (17.8 mm)	0.700 in

Max. Pull Tension: 61.5 lbs (27.9 kg)

Bulk Cable Weight: 22 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: 0.290 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	UPC
8463MN 006100	Blue, Light	612825390992
8463MN 0061000	Blue, Light	612825391029
8463MN 008100	Gray	612825391005
8463MN 0081000	Gray	612825391036
8463MN 004100	Yellow	612825390985
8463MN 0041000	Yellow	612825391012

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