Product: 8463MN ⬈

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

⠿ Request Sample

Product Description

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

Technical Specifications

Construction Details

Conductor

Element	Number of Element	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 Impedence	Max. Current
7.06 Ohm/1000ft	14.8 pF/ft (48.6 pF/m)	39 Ohm	5 Amps per Conductor at 25ºC

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
Bulk Cable Weight:	22 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	FT2
AWM Compliance:	UL AWM Style 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: 0.281 Revision Date: 12-21-2021

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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