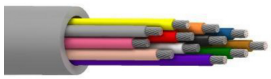
Product: 8457MN

SpaceMaker™, 12 C #22 Str TC, PO Ins, PVC Jkt, AWM 2937



Request Sample

Product Description

SpaceMaker™, 12 Conductor 22AWG (19x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

Technical Specifications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	12	22 AWG	19x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(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, Pink, Tan

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.240 in

Overall Cable Diameter (Nominal):	0.240 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Characteristic Impedence	Max. Current
18.1 Ohm/1000ft	16.6 pF/ft (54.5 pF/m)	51 Ohm	2.03 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.
0.960 in (24.4 mm)	0.960 in

Max. Pull Tension:	114 lbs (51.7 kg)
Bulk Cable Weight:	41 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: 0.201 Revision Date: 05-05-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8457MN 006100	Blue, Light	Reel	100 ft	612825389828
8457MN 0061000	Blue, Light	Reel	1,000 ft	612825389859
8457MN 008100	Gray	Reel	100 ft	612825389835
8457MN 0081000	Gray	Reel	1,000 ft	612825389866
8457MN 004100	Yellow	Reel	100 ft	612825389811
8457MN 0041000	Yellow	Reel	1,000 ft	612825389842

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