



Product: [8645MN](#) 

SpaceMaker™, 5 C #24 Str TC, PO Ins, OS, PVC Jkt, AWM 2937

Product Description

SpaceMaker™, 5 Conductor 24AWG (10x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	5	24	10x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.043 in (1.1 mm)	Black, White, Red, Dark Green, Brown, Blue, Orange

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (19x36) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.152 in

Overall Cable Diameter (Nominal): 0.151 in (3.84 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
27.7 Ohm/1000ft	19 pF/ft (62 pF/m)	3 Amps per Conductor at 25°C

Nom Outer Shield DCR: 14.9 Ohm/1000ft (48.9 Ohm/km)

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C To 80°C

Max. Pull Tension: 31 lbs (14 kg)

Bulk Cable Weight: 14 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	FT2
NEC / UL Compliance:	Article 800

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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.46 Revision Date: 10-07-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8645MN 006100	Blue, Light	Reel	100 ft	612825426578
8645MN 0061000	Blue, Light	Reel	1,000 ft	612825426585
8645MN 008100	Gray	Reel	100 ft	612825426592
8645MN 0081000	Gray	Reel	1,000 ft	612825426608
8645MN 004100	Yellow	Reel	100 ft	612825426554
8645MN 0041000	Yellow	Reel	1,000 ft	612825426561

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