



**Product:** [8631MN](#)

SpaceMaker™, 12 C #16 Str TC, PO Ins, OS, PVC Jkt, AWM 2937

### Product Description

SpaceMaker™, 12 Conductor 16AWG (65x34) 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)	12	16	65x34	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.074 in (1.9 mm)	Black, White, Red, Dark Green, Brown, Dark Blue, Orange, Yellow, Purple, Gray, Pink, Tan

##### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	16 AWG (19x29) TC

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.343 in

Overall Cable Diameter (Nominal): 0.343 in (8.71 mm)

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
4.4 Ohm/1000ft	28 pF/ft (92 pF/m)	4.3 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

Max. Pull Tension: 423 lbs (192 kg)

Bulk Cable Weight: 126 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: 0.116 Revision Date: 04-04-2025
----------------------	--

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
8631MN 006100	Blue, Light	Reel	100 ft	612825430537
8631MN 0061000	Blue, Light	Reel	1,000 ft	612825430544
8631MN 008100	Gray	Reel	100 ft	612825430551
8631MN 0081000	Gray	Reel	1,000 ft	612825430568
8631MN 004100	Yellow	Reel	100 ft	612825430513
8631MN 0041000	Yellow	Reel	1,000 ft	612825430520

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.