



Product: [9762MN](#)

SpaceMaker™, 5 Pr #16 Str TC, PO Ins, IS, PVC Jkt, AWM 2937

Product Description

SpaceMaker™, 5 Pair 16AWG (65x34) Tinned Copper, PO Insulation, Individual Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
16	65x34	TC - Tinned Copper	5

Conductor Count:	10
Total Number of Pairs:	5

Insulation

Material	Nominal Diameter
PP - Polypropylene	0.074 in

Color Chart

Number	Color
Pair 1	Black and White
Pair 2	Red and Dark Green
Pair 3	Brown and Dark Blue
Pair 4	Orange and Yellow
Pair 5	Purple and Gray

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	18

Outer Shield Material

Type
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.434 in	0.032 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
4.4 Ohm/1000ft	2.3 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
51 pF/ft

Inductance

Nominal Inductance

0.153 µH/ft

Voltage

UL Voltage Rating

300 V

Temperature Range

UL Temp Rating:	80°C
Operating Temp Range:	-20°C To 80°C

Mechanical Characteristics

Bulk Cable Weight:	156 lbs/1000ft
Max. Pull Tension:	471 lbs
Min Bend Radius/Minor Axis:	4.4 in

Standards

NEC Articles:	Article 800
UL AWM Style Compliance:	AWM 2937
Other Compliance:	NFPA 79

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

Suitability

Suitability - Indoor:	Yes
-----------------------	-----

Flammability, LSOH, Toxicity Testing

CSA Flammability:	FT2
-------------------	-----

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9762MN 006100	Blue, Light	Reel	100 ft	612825430469
9762MN 0061000	Blue, Light	Reel	1,000 ft	612825430476
9762MN 008100	Gray	Reel	100 ft	612825430483
9762MN 0081000	Gray	Reel	1,000 ft	612825430490
9762MN 004100	Yellow	Reel	100 ft	612825430445
9762MN 0041000	Yellow	Reel	1,000 ft	612825430452

History

Update and Revision:	Revision Number: 0.25 Revision Date: 02-16-2021
----------------------	---

© 2021 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.