


Product: [8761MN](#) 



SpaceMaker™, 2 C #22 Str TC, PO Ins, OS, PVC Jkt, AWM 2937

 [Request Sample](#)

Product Description

SpaceMaker™, 2 Conductor 22AWG (19x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
22	19x34	TC - Tinned Copper	1

Conductor Count:

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.01 in

Color Chart

Color
Black & White

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.135 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
14.9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
28.8 pF/ft	55.9 pF/ft

Inductance

Nominal Inductance
0.176 µH/ft

Impedance

Nominal Characteristic Impedance
51 Ohm

Current

Max. Recommended Current [A]

2.9 Amps per Conductor at 25°C

Voltage**UL Voltage Rating**

300 V RMS (UL AWM Style 2092)

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	11 lbs/1000ft
Max. Pull Tension:	27 lbs
Min Bend Radius (Continuous Flexing):	1.350 in
Min Bend Radius/Minor Axis:	0.540 in

Standards

NEC/(UL) Compliance:	800
UL AWM Style Compliance:	UL Style AWM 2937 (300 V 80C)
Other Compliance:	NFPA 79

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/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 Directive Compliance:	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
UL voltage rating:	300 V RMS (UL AWM Style 2092)

Part Number**Variants**

Item #	Color	UPC
8761MN 006100	Blue, Light	612825386032
8761MN 0061000	Blue, Light	612825386049
8761MN 008100	Gray	612825386056
8761MN 0081000	Gray	612825382737
8761MN 004100	Yellow	612825386018
8761MN 0041000	Yellow	612825386025

History

Update and Revision:	Revision Number: 0.238 Revision Date: 09-30-2020
----------------------	--

© 2020 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.