



THE DATASHEET OF
8761MN 008100



Part Number: 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 Conductors	No. of Pairs
22	19x34	TC - Tinned Copper	2	1

Conductor Count:	2
Total Number of Pairs:	1
Conductor Size:	22 AWG

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	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	24

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.135 in	0.016 in
	0.135 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 @ 25°C ambient

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 Recommended Pulling Tension:	27 lbs
Min Bend Radius (Continuous Flexing):	1.350 in
Min Bend Radius/Minor Axis:	0.540 in

Standards

NEC/(UL) Specification:	800
UL AWM Style:	UL Style AWM 2937 (300 V 80C)
Other Specification:	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
CA Prop 65 (CJ for Wire & Cable):	Yes

Suitability

Suitability - Indoor:	Yes
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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: 0.217 Revision Date: 07-11-2019
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