

Part Number: 8761MN

SpaceMaker™, (1 pr) 22 AWG (19x34) TC, PP/PVC, Foil Shld



Product Description

One 22 AWG pair stranded (19x34) tinned copper conductors, polypropylene insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

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 Foil-Polyester Tape	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
Shielding:	Foil(s) or Copper Tape(s)

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 (300V 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, LS0H, Toxicity Testing

CSA Flammability:	FT2
UL Voltage Rating:	300V RMS (UL AWM Style 2092)

Plenum/Non-Plenum

Plenum (Y/N):	Y
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Part Number

Variants

Item #	Color
8761MN 006100	BLUE, LIGHT
8761MN 0061000	BLUE, LIGHT
8761MN 008100	GRAY
8761MN 0081000	GRAY
8761MN 004100	YELLOW
8761MN 0041000	YELLOW

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