

8442mn Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1



General Description:

22 AWG stranded (19x34) tinned copper conductors, Polypropylene insulation, twisted pair, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	22	19x34	TC - Tinned Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.010

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.016

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White

Overall Nominal Diameter: 0.132 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Bulk Cable Weight: 9 lbs/1000 ft.

Max. Recommended Pulling Tension: 18 lbs.

Min. Bend Radius/Minor Axis: 0.530 in.

Min. Bend Radius (Continuous Flexing): 1.320 in.

Flex Cycle Rating: 1 Million Flexes

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC Articles: 800

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

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Mil Order #39 (China RoHS):	Yes
Other Specification:	UL Style AWM 2937 (300V 80C), NFPA 79

Flame Test

CSA Flame Test:	FT2
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Suitability

Suitability - Indoor:	Yes
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
0.031

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
13.500

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
14.900

Max. Operating Voltage - UL:

Voltage
300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8442MN 004100	100 FT	2.400 LB	YELLOW		1 PR #22 PO PVC
8442MN 0041000	1,000 FT	10.000 LB	YELLOW		1 PR #22 PO PVC
8442MN 006100	100 FT	2.400 LB	BLUE, LIGHT		1 PR #22 PO PVC
8442MN 0061000	1,000 FT	10.000 LB	BLUE, LIGHT		1 PR #22 PO PVC
8442MN 008100	100 FT	2.400 LB	GRAY		1 PR #22 PO PVC
8442MN 0081000	1,000 FT	10.000 LB	GRAY		1 PR #22 PO PVC

Revision Number: 0 Revision Date: 09-29-2016

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