

8443MN 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, conductors cabled, Polypropylene insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	22	19x34	TC - Tinned Copper

Total Number of Conductors: 3

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.010

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
3	Red

Overall Nominal Diameter: 0.140 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Bulk Cable Weight:	16 lbs/1000 ft.
Max. Recommended Pulling Tension:	15 lbs.
Min. Bend/Installation:	0.560 in.
Min. Bend Radius (Continuous Flexing):	1.400 in.
Flex Cycle Rating:	1 Million Flexes

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

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Flame Test

CSA Flame Test:	FT2
IEEE Flame Test:	1202

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Tolerance (Ohms)
51

Nom. Inductance:

Inductance (µH/ft)
0.031

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
16.600

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
14.900

Max. Operating Voltage - UL:

Voltage
300V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8443MN 004100	100 FT	2.700 LB	YELLOW		3 #22 PO PVC
8443MN 0041000	1,000 FT	14.000 LB	YELLOW		3 #22 PO PVC
8443MN 006100	100 FT	2.700 LB	BLUE, LIGHT		3 #22 PO PVC
8443MN 0061000	1,000 FT	14.000 LB	BLUE, LIGHT		3 #22 PO PVC
8443MN 008100	100 FT	2.700 LB	GRAY		3 #22 PO PVC
8443MN 0081000	1,000 FT	14.000 LB	GRAY		3 #22 PO PVC

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