

8881MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1



General Description:

20 AWG stranded (26x34) tinned copper conductors, conductors cabled, overall Beldfoil® shield (100% coverage), 20 AWG stranded tinned copper drain wire, Polypropylene insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
15	20	26x34	TC - Tinned Copper

Total Number of Conductors: 15

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.254

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
20	19x32	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.406

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Dark Green
5	Brown
6	Dark Blue
7	Orange
8	Yellow
9	Purple
10	Gray
11	Pink
12	Tan
13	Aqua
14	Light Green
15	Light Blue

Overall Nominal Diameter: 7.722 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 162.214 Kg/Km

Max. Recommended Pulling Tension: 542.680 N

Min. Bend/Installation: 30.988 mm

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Min. Bend Radius (Continuous Flexing):	77.216 mm
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

Flame Test

CSA Flame Test:	FT2
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Plenum/Non-Plenum

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

Nom. Characteristic Impedance:

Impedance (Ohm)
47.000

Nom. Inductance:

Inductance (µH/m)
0.085

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
201.125

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
51.512

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
34.122

Max. Operating Voltage - UL:

Voltage
300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8881MN 004100	100 FT	8.700 LB	YELLOW		15 #20 PO FS PVC
8881MN 0041000	1,000 FT	77.000 LB	YELLOW		15 #20 PO FS PVC
8881MN 006100	100 FT	8.700 LB	BLUE, LIGHT		15 #20 PO FS PVC
8881MN 0061000	1,000 FT	77.000 LB	BLUE, LIGHT		15 #20 PO FS PVC
8881MN 008100	100 FT	8.700 LB	GRAY		15 #20 PO FS PVC
8881MN 0081000	1,000 FT	77.000 LB	GRAY		15 #20 PO FS PVC

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product.
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).