

## 9439MN 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, Polypropylene insulation, PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
7	20	26x34	TC - Tinned Copper

Total Number of Conductors: 7

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.254

**Outer Shield****Outer Shield Material:**

Outer Shield Material
Unshielded

**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

Overall Nominal Diameter: 5.156 mm

**Mechanical Characteristics (Overall)**

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

Bulk Cable Weight: 72.922 Kg/Km

Max. Recommended Pulling Tension: 253.547 N

Min. Bend/Installation: 20.574 mm

Min. Bend Radius (Continuous Flexing): 51.562 mm

Flex Cycle Rating: 1 Million Flexes

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## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; 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 &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

Other Specification: UL Style AWM 2937 (300V 80C), NFPA 79

## Flame Test

CSA Flame Test: FT2

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

## Nom. Characteristic Impedance:

Impedance (Ohm)

47.000

## Nom. Inductance:

Inductance (µH/m)

0.085

## 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
9439MN 004100	100 FT	5.200 LB	YELLOW		7 #20 PO PVC
9439MN 0041000	1,000 FT	34.000 LB	YELLOW		7 #20 PO PVC
9439MN 006100	100 FT	5.200 LB	BLUE, LIGHT		7 #20 PO PVC
9439MN 0061000	1,000 FT	34.000 LB	BLUE, LIGHT		7 #20 PO PVC
9439MN 008100	100 FT	5.200 LB	GRAY		7 #20 PO PVC
9439MN 0081000	1,000 FT	34.000 LB	GRAY		7 #20 PO PVC

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