

## 9740MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

18 AWG stranded (41x34) tinned copper conductors, Polypropylene insulation, twisted pairs, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	18	41x34	TC - Tinned Copper

Total Number of Conductors: 2

#### 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

Overall Nominal Diameter: 4.216 mm

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 23.811 Kg/Km

Max. Recommended Pulling Tension: 200.169 N

Min. Bend Radius/Minor Axis: 16.764 mm

Min. Bend Radius (Continuous Flexing): 42.164 mm

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

## METRIC MEASUREMENT VERSION

### 9740MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable

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/m)

0.072

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

50.199

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

21.327

##### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9740MN 004100	100 FT	3.500 LB	YELLOW		2 #18 PO PVC
9740MN 0041000	1,000 FT	17.000 LB	YELLOW		2 #18 PO PVC
9740MN 006100	100 FT	3.500 LB	BLUE, LIGHT		2 #18 PO PVC
9740MN 0061000	1,000 FT	17.000 LB	BLUE, LIGHT		2 #18 PO PVC
9740MN 008100	100 FT	3.500 LB	GRAY		2 #18 PO PVC
9740MN 0081000	1,000 FT	17.000 LB	GRAY		2 #18 PO PVC

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