

## 9774MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

18 AWG stranded (41x34) TC conductors, polypropylene insulation, six twisted pairs, individually shielded w/Beldfoil® (100% coverage), 20 AWG stranded TC drain wire, overall shielded w/Beldfoil® (100% coverage), 18 AWG stranded TC drain wire, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
6	18	41x34	TC - Tinned Copper

Total Number of Conductors: 12

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.254

#### Inner Shield

##### Inner Shield Material:

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

##### Inner Shield Drain Wire AWG:

AWG	Stranding	Conductor Material
20	19x32	TC - Tinned Copper

#### 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
18	19x30	TC	Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.787

#### Overall Cable

Overall Nominal Diameter: 11.151 mm

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & White
2	Red & Dark Green
3	Brown & Dark Blue
4	Orange & Yellow
5	Purple & Gray
6	Pink & Tan

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### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Bulk Cable Weight:	191.978 Kg/Km
Max. Recommended Pulling Tension:	1574.663 N
Min. Bend Radius/Minor Axis:	44.704 mm
Min. Bend Radius (Continuous Flexing):	111.506 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):	01/01/2004
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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#### Suitability

Suitability - Indoor:	Yes
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### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/m)

0.072

#### Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

267.730

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

142.395

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

21.327

#### Max. Operating Voltage - UL:

Voltage

300V RMS

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9774MN 004100	100 FT	16.400 LB	YELLOW		6 FS PR #18 HDPO FS PVC
9774MN 0041000	1,000 FT	137.000 LB	YELLOW		6 FS PR #18 HDPO FS PVC

## METRIC MEASUREMENT VERSION

### 9774MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable

9774MN 006100	100 FT	16.400 LB	BLUE, LIGHT	6 FS PR #18 HDPO FS PVC
9774MN 0061000	1,000 FT	137.000 LB	BLUE, LIGHT	6 FS PR #18 HDPO FS PVC
9774MN 008100	100 FT	16.400 LB	GRAY	6 FS PR #18 HDPO FS PVC
9774MN 0081000	1,000 FT	137.000 LB	GRAY	6 FS PR #18 HDPO FS PVC

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