

## 8761MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

22 AWG stranded (19x34) TC conductors, polypropylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	22	19x34	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 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
24	19x36	TC	Tinned Copper

#### Outer Jacket

Outer Jacket Material:

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

#### Overall Cable

Overall Nominal Diameter: 3.429 mm

#### Pair

Pair Color Code Chart:

Number	Color
1	Black & White

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Bulk Cable Weight:	16.370 Kg/Km
Max. Recommended Pulling Tension:	120.101 N
Min. Bend Radius/Minor Axis:	13.716 mm
Min. Bend Radius (Continuous Flexing):	34.290 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

## METRIC MEASUREMENT VERSION

### 8761MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable

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

#### Flame Test

CSA Flame Test:	FT1
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#### Suitability

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

#### Nom. Characteristic Impedance:

##### Impedance (Ohm)

51.000

#### Nom. Inductance:

##### Inductance (µH/m)

0.102

#### Nom. Capacitance Conductor to Shield:

##### Capacitance (pF/m)

183.408

#### Nom. Capacitance Conductor to Conductor:

##### Capacitance (pF/m)

94.493

#### Nom. Conductor DC Resistance:

##### DCR @ 20°C (Ohm/km)

48.887

#### Max. Operating Voltage - UL:

##### Voltage

300 V RMS (UL AWM Style 2092)

#### Max. Recommended Current:

##### Current

2.9 Amps per conductor @ 25°C ambient

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8761MN 004100	100 FT	2.600 LB	YELLOW		1 PR #22 PO FS PVC
8761MN 0041000	1,000 FT	12.000 LB	YELLOW		1 PR #22 PO FS PVC
8761MN 006100	100 FT	2.600 LB	BLUE, LIGHT		1 PR #22 PO FS PVC
8761MN 0061000	1,000 FT	12.000 LB	BLUE, LIGHT		1 PR #22 PO FS PVC
8761MN 008100	100 FT	2.600 LB	GRAY		1 PR #22 PO FS PVC
8761MN 0081000	1,000 FT	12.000 LB	GRAY		1 PR #22 PO FS PVC

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