

## 8771MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

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

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	22	19x34	TC - Tinned Copper

Total Number of Conductors: 3

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.016

#### 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 (in.)
PVC - Polyvinyl Chloride	0.016

#### Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red

Overall Nominal Diameter: 0.144 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Bulk Cable Weight:	22 lbs/1000 ft.
Max. Recommended Pulling Tension:	15 lbs.
Min. Bend/Installation:	0.580 in.
Min. Bend Radius (Continuous Flexing):	1.440 in.
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

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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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### Plenum/Non-Plenum

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

### Nom. Characteristic Impedance:

Tolerance (Ohms)

22

### Nom. Inductance:

Inductance (µH/ft)

0.031

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

66.000

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

33.000

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

14.900

### Max. Operating Voltage - UL:

Voltage

300 V RMS

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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