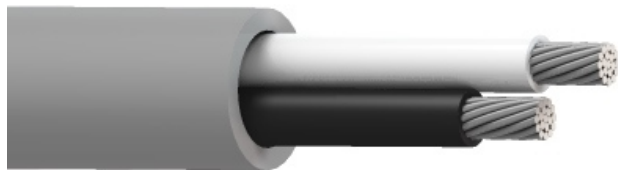


## 8442mn Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

22 AWG stranded (19x34) tinned copper conductors, Polypropylene insulation, twisted pair, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2            | 22  | 19x34     | TC - Tinned Copper |

Total Number of Conductors: 2

#### Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|---------------------|----------------------|
| PP - Polypropylene  | 0.010                |

#### Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded            |

#### 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 |

Overall Nominal Diameter: 0.132 in.

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 9 lbs/1000 ft.

Max. Recommended Pulling Tension: 18 lbs.

Min. Bend Radius/Minor Axis: 0.530 in.

Min. Bend Radius (Continuous Flexing): 1.320 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

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

## 8442mn 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 |
|-----------------|-----|

### Suitability

|                       |     |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

### Electrical Characteristics (Overall)

#### Nom. Inductance:

|                    |
|--------------------|
| Inductance (µH/ft) |
| 0.031              |

#### Nom. Capacitance Conductor to Conductor:

|                     |
|---------------------|
| Capacitance (pF/ft) |
| 13.500              |

#### 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       |
|----------------|----------|-------------|-------------|-------|-----------------|
| 8442MN 004100  | 100 FT   | 2.400 LB    | YELLOW      |       | 1 PR #22 PO PVC |
| 8442MN 0041000 | 1,000 FT | 10.000 LB   | YELLOW      |       | 1 PR #22 PO PVC |
| 8442MN 006100  | 100 FT   | 2.400 LB    | BLUE, LIGHT |       | 1 PR #22 PO PVC |
| 8442MN 0061000 | 1,000 FT | 10.000 LB   | BLUE, LIGHT |       | 1 PR #22 PO PVC |
| 8442MN 008100  | 100 FT   | 2.400 LB    | GRAY        |       | 1 PR #22 PO PVC |
| 8442MN 0081000 | 1,000 FT | 10.000 LB   | GRAY        |       | 1 PR #22 PO PVC |

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