

8760MN 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 pair, overall Beldfoil® shield (100% coverage), 20 AWG stranded tinned copper drain wire, 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 (in.) |
|---------------------|----------------------|
| PP - Polypropylene | 0.010 |

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 |
|-----|-----------|------------|--------------------|
| 20 | 19x32 | TC | Tinned Copper |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | 0.016 |

Overall Cable

Overall Nominal Diameter: 0.169 in.

Pair

Pair Color Code Chart:

| Number | Color |
|--------|---------------|
| 1 | Black & White |

Mechanical Characteristics (Overall)

| | |
|--|------------------|
| Operating Temperature Range: | -20°C To +80°C |
| Bulk Cable Weight: | 20 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 54 lbs. |
| Min. Bend/Installation: | 0.680 in. |
| Min. Bend Radius (Continuous Flexing): | 1.690 in. |
| Flex Cycle Rating: | 1 Million Flexes |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|------------|
| 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 |

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| | |
|-----------------------------------|---------------------------------------|
| 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 |
|-----------------|-----|

Suitability

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

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

0.022

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

76.900

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

40.600

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.500

Max. Operating Voltage - UL:

Voltage

300 V RMS

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|-------------|-------|----------------------|
| 8760MN 004100 | 100 FT | 3.900 LB | YELLOW | | 1 PR #18 HDPO FS PVC |
| 8760MN 0041000 | 1,000 FT | 22.000 LB | YELLOW | | 1 PR #18 HDPO FS PVC |
| 8760MN 006100 | 100 FT | 3.900 LB | BLUE, LIGHT | | 1 PR #18 HDPO FS PVC |
| 8760MN 0061000 | 1,000 FT | 22.000 LB | BLUE, LIGHT | | 1 PR #18 HDPO FS PVC |
| 8760MN 008100 | 100 FT | 3.900 LB | GRAY | | 1 PR #18 HDPO FS PVC |
| 8760MN 0081000 | 1,000 FT | 22.000 LB | GRAY | | 1 PR #18 HDPO FS PVC |

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