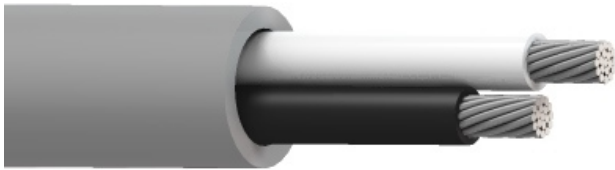


9740MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1



General Description:

18 AWG stranded (41x34) tinned copper conductors, Polypropylene insulation, twisted pairs, 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 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: 0.166 in.

Mechanical Characteristics (Overall)

| | |
|--|------------------|
| Operating Temperature Range: | -20°C To +80°C |
| Bulk Cable Weight: | 16 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 45 lbs. |
| Min. Bend Radius/Minor Axis: | 0.660 in. |
| Min. Bend Radius (Continuous Flexing): | 1.660 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 |

ENGLISH MEASUREMENT VERSION

9740MN 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 ($\mu\text{H}/\text{ft}$) |
| 0.022 |

Nom. Capacitance Conductor to Conductor:

| |
|---------------------------------------|
| Capacitance (pF/ft) |
| 15.300 |

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 |
|----------------|----------|-------------|-------------|-------|--------------|
| 9740MN 004100 | 100 FT | 3.500 LB | YELLOW | | 2 #18 PO PVC |
| 9740MN 0041000 | 1,000 FT | 17.000 LB | YELLOW | | 2 #18 PO PVC |
| 9740MN 006100 | 100 FT | 3.500 LB | BLUE, LIGHT | | 2 #18 PO PVC |
| 9740MN 0061000 | 1,000 FT | 17.000 LB | BLUE, LIGHT | | 2 #18 PO PVC |
| 9740MN 008100 | 100 FT | 3.500 LB | GRAY | | 2 #18 PO PVC |
| 9740MN 0081000 | 1,000 FT | 17.000 LB | GRAY | | 2 #18 PO PVC |

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