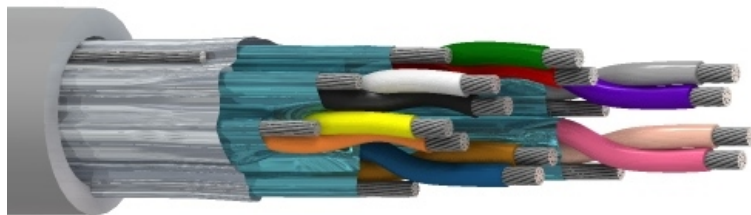




Product Details

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8778MN



Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable
 22 AWG stranded (19x34) tinned copper conductor, polypropylene insulation, six twisted pairs, individually shielded with Beldfoil® (100% coverage), 24 AWG stranded tinned copper drain wire, overall shielded with Beldfoil® (100% coverage), 22 AWG stranded tinned copper drain wire, overall PVC jacket.

For more Information Please call
1-800-Belden1



[Click here for Certificate](#)

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|-------------|-------|-----------------------|
| 8778MN 004100 | 100 FT | 9.600 LB | YELLOW | | 6 FS PR #22 PO FS PVC |
| 8778MN 0041000 | 1,000 FT | 66.000 LB | YELLOW | | 6 FS PR #22 PO FS PVC |
| 8778MN 006100 | 100 FT | 9.600 LB | BLUE, LIGHT | | 6 FS PR #22 PO FS PVC |
| 8778MN 0061000 | 1,000 FT | 66.000 LB | BLUE, LIGHT | | 6 FS PR #22 PO FS PVC |
| 8778MN 008100 | 100 FT | 9.600 LB | GRAY | | 6 FS PR #22 PO FS PVC |
| 8778MN 0081000 | 1,000 FT | 66.000 LB | GRAY | | 6 FS PR #22 PO FS PVC |

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 6 | 22 | 19x34 | TC - Tinned Copper |

Total Number of Conductors: 12

Insulation

Insulation Material:

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

Inner Shield

Inner Shield Material:

| Inner Shield Trade Name | Type | Inner Shield Material | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100.000 |

Inner Shield Drain Wire AWG:

| AWG | Stranding | Conductor Material |
|-----|-----------|--------------------|
| 24 | 19x36 | TC - Tinned Copper |

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 |
|-----|-----------|--------------------|--------------------|
| 22 | 19x34 | 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: 0.317 in.

Pair

Pair Color Code Chart:

| Number | Color |
|--------|-------------------|
| 1 | Black & White |
| 2 | Red & Dark Green |
| 3 | Brown & Dark Blue |
| 4 | Orange & Yellow |
| 5 | Purple & Gray |
| 6 | Pink & Tan |

Mechanical Characteristics (Overall)

| | |
|---|------------------|
| Operating Temperature Range: | -20°C To +80°C |
| Bulk Cable Weight: | 61 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 157 lbs. |
| Min. Bend Radius/Minor Axis: | 1.270 in. |
| Min. Bend Radius (Continuous Flexing): | 3.170 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): | 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 |
|------------------------|-----|

Suitability

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

Electrical Characteristics (Overall)**Nom. Inductance:**

| | |
|---------------------------|------|
| Inductance (µH/ft) | 0.18 |
|---------------------------|------|

Nom. Capacitance Conductor to Shield:

| | |
|----------------------------|--------|
| Capacitance (pF/ft) | 62.700 |
|----------------------------|--------|

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 | 300V RMS |
|----------------|----------|

Close

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