

**Product:** [8723MN](#) 

SpaceMaker™, 2 Pr #22 Str TC, PO Ins, IS, PVC Jkt, AWM 2937



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## Product Description

SpaceMaker™, 2 Pair 22AWG (19x34) Tinned Copper, PO Insulation, Individual Beldfoil® Shield, PVC Outer Jacket, AWM 2937

## Technical Specifications

### Construction Details

#### Conductor

| Element | No. of Elements | Size   | Stranding | Material           |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 2               | 22 AWG | 19x34     | TC - Tinned Copper |

#### Insulation

| Element | Material           | Nom. Thickness     | Nom. Insulation Diameter | Color Code                      |
|---------|--------------------|--------------------|--------------------------|---------------------------------|
| Pair(s) | PP - Polypropylene | 0.010 in (0.25 mm) | 0.049 in (1.2 mm)        | Black & White, Red & Dark Green |

#### Inner Shield

| Shield Type | Material                | Coverage | Drainwire Type    | Notes                                      |
|-------------|-------------------------|----------|-------------------|--|
| Tape        | Bi-Laminate (Alum+Poly) | 100%     | 24 AWG (19x36) TC | foil-out tape on each pair, one drain wire |

#### Outer Shield

| Shield Type | Material                | Coverage | Drainwire Type    |
|-------------|-------------------------|----------|-------------------|
| Tape        | Bi-Laminate (Alum+Poly) | 100%     | 22 AWG (19x34) TC |

#### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter |
|--------------------------|--------------------|---------------|
| PVC - Polyvinyl Chloride | 0.016 in (0.41 mm) | 0.228 in      |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.228 in |
|-----------------------------------|----------|

### Electrical Characteristics

#### Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedance | Nom. Inductance         | Max. Current                   |
|--------------------|-------------------------------|---|-------------------------------|-------------------------|--------------------------------|
| 18.1 Ohm/1000ft    | 43.4 pF/ft (142 pF/m)         | 81.6 pF/ft (268 pF/m)                           | 51 Ohm                        | 0.031 μH/ft (0.10 μH/m) | 4.8 Amps per Conductor at 30°C |

#### Voltage

| UL Voltage Rating |
|-------------------|
| 300 V             |

### Mechanical Characteristics

#### Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 80°C           | -20°C to +80°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
|                 |                   |

0.912 in (23.2 mm) 0.912 in

|                    |                    |
|--------------------|--------------------|
| Max. Pull Tension: | 53.4 lbs (24.2 kg) |
| Bulk Cable Weight: | 25 lbs/1000ft      |

## Standards and Compliance

|                                  |   |
|----------------------------------|---|
| Environmental Suitability:       | Indoor  |
| Flammability / Reaction to Fire: | FT2   |
| CPR Compliance:                  | CPR Euroclass: Eca  |
| AWM Compliance:                  | AWM 2937  |
| European Directive Compliance:   | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance:        | UKCA Mark   |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.399 Revision Date: 09-07-2025 |
|----------------------|--|

## Part Numbers

### Variants

| Item #         | Color       | UPC          |
|----------------|-------------|--------------|
| 8723MN 006100  | Blue, Light | 612825386100 |
| 8723MN 0061000 | Blue, Light | 612825386087 |
| 8723MN 008100  | Gray        | 612825386117 |
| 8723MN 0081000 | Gray        | 612825384649 |
| 8723MN 004100  | Yellow      | 612825386094 |
| 8723MN 0041000 | Yellow      | 612825386070 |

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