



Product: [8779MN](#)



SpaceMaker™, 4 Pr #22 Str TC, PO Ins, IS/OS, PVC Jkt, AWM 2937

Request Sample

Product Description

SpaceMaker™, 4 Pair 22AWG (19x34) Tinned Copper, PO Insulation, Individual & Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Construction Details

Conductor

| Element | No. of Elements | Size   | Stranding | Material           |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 4               | 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) | 0.050 in (1.3 mm)        | Black & White, Red & Green, Brown & Blue, Orange & Yellow |

Inner Shield

| Shield Type | Material                | Coverage | Drainwire Type    |
|-------------|-------------------------|----------|-------------------|
| Tape        | Bi-Laminate (Alum+Poly) | 100%     | 24 AWG (19x36) TC |

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) | 0.268 in      |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.268 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedence | Max. Current                   |
|--------------------|-------------------------------|-------------------------------------------------|-------------------------------|--------------------------------|
| 18.1 Ohm/1000ft    | 33 pF/ft (110 pF/m)           | 62.7 pF/ft (206 pF/m)                           | 51 Ohm                        | 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. |
|---------------------|-------------------|
| 1.072 in (27.23 mm) | 1.072 in          |

|                    |                    |
|--------------------|--------------------|
| Max. Pull Tension: | 91.4 lbs (41.5 kg) |
| Bulk Cable Weight: | 43 lbs/1000ft      |

Standards and Compliance

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor                                                                                                                    |
| Flammability / Reaction to Fire: | FT2                                                                                                                       |
| 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) |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.320 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #         | Color       | UPC          |
|----------------|-------------|--------------|
| 8779MN 006100  | Blue, Light | 612825393122 |
| 8779MN 0061000 | Blue, Light | 612825393139 |
| 8779MN 008100  | Gray        | 612825393146 |
| 8779MN 0081000 | Gray        | 612825393153 |
| 8779MN 004100  | Yellow      | 612825393108 |
| 8779MN 0041000 | Yellow      | 612825393115 |

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