


Product: [8883MN](#) 

SpaceMaker™, 7 C #22 Str TC, PO Ins, OS, PVC Jkt, AWM 2937



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Product Description

SpaceMaker™, 7 Conductor 22AWG (19x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|--------------|-------------------|--------|-----------|--------------------|
| Conductor(s) | 7 | 22 AWG | 19x34 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------|--------------------|-------------------|--------------------------|---|
| Conductor(s) | PP - Polypropylene | 0.01 in (0.25 mm) | 0.050 in (1.3 mm) | Black, White, Red, Green, Brown, Blue, Orange |

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) | 0.186 in |

Overall Cable Diameter (Nominal): 0.186 in

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Shield | Nom. Characteristic Impedence | Max. Current |
|--------------------|-------------------------------|---------------------------------|-------------------------------|---------------------------------|
| 18.1 Ohm/1000ft | 33.0 pF/ft (108 pF/m) | 66.0 pF/ft (217 pF/m) | 22 Ohm | 2.03 Amps per Conductor at 25°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. |
|--------------------|-------------------|
| 0.740 in (18.8 mm) | 0.740 in |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 76 lbs (34 kg) |
| Bulk Cable Weight: | 28 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) |
| Other Standard Compliance(s): | NFPA 79 |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.270 Revision Date: 04-08-2022 |
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Part Numbers

Variants

| Item # | Color | UPC |
|----------------|-------------|--------------|
| 8883MN 006100 | Blue, Light | 612825392651 |
| 8883MN 0061000 | Blue, Light | 612825392668 |
| 8883MN 008100 | Gray | 612825392675 |
| 8883MN 0081000 | Gray | 612825392682 |
| 8883MN 004100 | Yellow | 612825392637 |
| 8883MN 0041000 | Yellow | 612825392644 |

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