



Product: [8760MN](#)

SpaceMaker™, 2 C #18 Str TC, PE Ins, OS, PVC Jkt, AWM 2937

[Request Sample](#)

Product Description

SpaceMaker™, 2 Conductor 18AWG (41x34) Tinned Copper, PE Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | Connect machines and devices in space constrained settings, low voltage analog signals (4-20ma, 0-10v, ...), low voltage digital control (24v, ...), line level audio, computer communication, panel wiring |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|---------|-------------------|--------|-----------|--------------------|
| Pair(s) | 1 | 18 AWG | 41x34 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---------|--------------------|--------------------|--------------------------|---------------|
| Pair(s) | PP - Polypropylene | 0.010 in (0.25 mm) | 0.067 in (1.7 mm) | Black & White |

Outer Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|-------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 20 AWG (19x32) TC |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.016 in (0.41 mm) | 0.169 in (4.29 mm) |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.169 in (4.29 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Shield | Max. Current |
|---------|--------------------|-------------------------------|---------------------------------|-------------------------------|
| Pair(s) | 7.06 Ohm/1000ft | 76.9 pF/ft (252 pF/m) | 40.6 pF/ft (133 pF/m) | 14 Amps per Conductor at 30°C |

Voltage

| UL Voltage Rating |
|---------------------|
| 300 V (UL AWM 2937) |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 80°C | -30°C to +80°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.0 in (51 mm) | 2.0 in (51 mm) |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 56 lbs (25 kg) |
| Bulk Cable Weight: | 20 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: 0.296 Revision Date: 06-30-2022 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|----------------|-------------|------------|----------|--------------|
| 8760MN 006100 | Blue, Light | Reel | 100 ft | 612825385837 |
| 8760MN 0061000 | Blue, Light | Reel | 1,000 ft | 612825385844 |
| 8760MN 008100 | Gray | Reel | 100 ft | 612825385851 |
| 8760MN 0081000 | Gray | Reel | 1,000 ft | 612825382652 |
| 8760MN 004100 | Yellow | Reel | 100 ft | 612825385813 |
| 8760MN 0041000 | Yellow | Reel | 1,000 ft | 612825385820 |

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