



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, ...), in level audio, computer communication, panel wiring |
|------------------------|---|

Construction Details

Conductor

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

Insulation

| Element | Material | Thickness | Color Code |
|---------|--------------------|-----------|---------------|
| Pair(s) | PP - Polypropylene | 0.010 in | Black & White |

Outer Shield Material

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

Outer Jacket Material

| Material | Thickness | Nom. Diameter |
|--------------------------|-----------|---------------|
| PVC - Polyvinyl Chloride | 0.016 in | 0.169 in |

Cable Diameter (Nominal): 0.169 in

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Shield |
|---------|--------------------|-------------------------------|---------------------------------|
| Pair(s) | 6.5 Ohm/1000ft | 76.9 pF/ft | 40.6 pF/ft |

Voltage

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

Mechanical Characteristics

Temperature

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

Bend Radius

| Installation Min. | Flexing Min. |
|-------------------|--------------|
| 2 in | 1.690 in |

| | |
|--------------------|---------------|
| Max. Pull Tension: | 54 lbs |
| Bulk Cable Weight: | 20 lbs/1000ft |

Standards and Compliance

| | |
|---------------------------------|---|
| Environmental Suitability: | Indoor |
| Flammability / Fire Resistance: | FT2 |
| AWM Compliance: | 2937 |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |

History

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| Update and Revision: | Revision Number: 0.171 Revision Date: 09-30-2020 |
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