



Product: [8770MN](#)



SpaceMaker™, 3 C #18 Str TC, PO Ins, OS, PVC Jkt, AWM 2937

Request Sample

Product Description

SpaceMaker™, 3 Conductor 18AWG (41x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Construction Details

Conductor

| Element      | AWG | Stranding | Material           | No. of Conductors |
|--------------|-----|-----------|--------------------|-------------------|
| Conductor(s) | 18  | 41x34     | TC - Tinned Copper | 3                 |

Insulation

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

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) | 0.181 in      |

Overall Cable Diameter (Nominal): 0.181 in

Electrical Characteristics

| Electricals        |                               |                                 |                               |                              |
|--------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|
| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Shield | Nom. Characteristic Impedence | Max. Current                 |
| 7.06 Ohm/1000ft    | 43.4 pF/ft (142 pF/m)         | 14.8 pF/ft (48.6 pF/m)          | 39 Ohm                        | 5 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.  |
| 0.724 in (18.4 mm) | 0.724 in           |
| Max. Pull Tension: | 76.5 lbs (34.7 kg) |
| Bulk Cable Weight: | 27 lbs/1000ft      |

Standards and Compliance

|                                |                                                                                                                           |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:     | Indoor                                                                                                                    |
| 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: 0.217 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #         | Color       | Putup Type | Length   | UPC          |
|----------------|-------------|------------|----------|--------------|
| 8770MN 006100  | Blue, Light | Reel       | 100 ft   | 612825386230 |
| 8770MN 0061000 | Blue, Light | Reel       | 1,000 ft | 612825386261 |
| 8770MN 008100  | Gray        | Reel       | 100 ft   | 612825386247 |
| 8770MN 0081000 | Gray        | Reel       | 1,000 ft | 612825386278 |
| 8770MN 004100  | Yellow      | Reel       | 100 ft   | 612825386223 |
| 8770MN 0041000 | Yellow      | Reel       | 1,000 ft | 612825386254 |

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