



Product: [9773MN](#)

SpaceMaker™, 3 Pr #18 Str TC, PO Ins, IS/OS, PVC Jkt, AWM 2937



Request Sample

Product Description

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

Technical Specifications

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|---------|-------------------|--------|-----------|--------------------|
| Pair(s) | 3 | 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, Red & Green, Brown & Blue |

Inner Shield

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

Outer Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|-------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 18 AWG (19x30) TC |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|---------------|
| PVC - Polyvinyl Chloride | 0.016 in (0.41 mm) | 0.310 in |

Overall Cable Diameter (Nominal): 0.310 in

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedence | Max. Current |
|--------------------|-------------------------------|---|-------------------------------|--------------------------------|
| 7.06 Ohm/1000ft | 43.4 pF/ft (142 pF/m) | 81.6 pF/ft (268 pF/m) | 39 Ohm | 9.8 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. |
|---------------------|-------------------|
| 1.240 in (31.50 mm) | 1.240 in |

| | |
|--------------------|----------------------|
| Max. Pull Tension: | 162.7 lbs (73.80 kg) |
| Bulk Cable Weight: | 65 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: 0.227 Revision Date: 05-05-2023 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|----------------|-------------|------------|----------|--------------|
| 9773MN 006100 | Blue, Light | Reel | 100 ft | 612825386803 |
| 9773MN 0061000 | Blue, Light | Reel | 1,000 ft | 612825386810 |
| 9773MN 008100 | Gray | Reel | 100 ft | 612825386827 |
| 9773MN 0081000 | Gray | Reel | 1,000 ft | 612825386834 |
| 9773MN 004100 | Yellow | Reel | 100 ft | 612825386780 |
| 9773MN 0041000 | Yellow | Reel | 1,000 ft | 612825386797 |

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