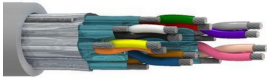




Product: [9774MN](#)



SpaceMaker™, 6 Pr #18 Str TC, PO Ins, IS/OS, PVC Jkt, AWM 2937

[Request Sample](#)

Product Description

SpaceMaker™, 6 Pair 18AWG (41x34) Tinned Copper, PO Insulation, Individual & Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Construction Details

Conductor

| Element | No. of Elements | Size   | Stranding | Material           |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 6               | 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, Orange & Yellow, Purple & Gray, Pink & Tan |

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 | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.016 in (0.41 mm) | 0.439 in      | Yes     |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.439 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. |
|-------------------|-------------------|
| 1.75 in (44.5 mm) | 1.75 in           |

|                    |                      |
|--------------------|----------------------|
| Max. Pull Tension: | 285.7 lbs (129.6 kg) |
| Bulk Cable Weight: | 129 lbs/1000ft       |

Standards and Compliance

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor                                                                                                                    |
| Flammability / Reaction to Fire: | FT2                                                                                                                       |
| CPR Compliance:                  | CPR Euroclass: Eca                                                                                                        |
| 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) |
| UK Regulation Compliance:        | UKCA Mark                                                                                                                 |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.307 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #         | Color       | Putup Type | Length   | UPC          |
|----------------|-------------|------------|----------|--------------|
| 9774MN 006100  | Blue, Light | Reel       | 100 ft   | 612825385738 |
| 9774MN 0061000 | Blue, Light | Reel       | 1,000 ft | 612825385745 |
| 9774MN 008100  | Gray        | Reel       | 100 ft   | 612825385752 |
| 9774MN 0081000 | Gray        | Reel       | 1,000 ft | 612825382706 |
| 9774MN 004100  | Yellow      | Reel       | 100 ft   | 612825385714 |
| 9774MN 0041000 | Yellow      | Reel       | 1,000 ft | 612825385721 |

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