



Product: [8634MN](#)

SpaceMaker™, 3 C #24 Str TC, PO Ins, PVC Jkt, AWM 2937

Product Description

SpaceMaker™, 3 Conductor 24AWG (10x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 24 | 10x34 | TC - Tinned Copper | 3 |

| | |
|------------------|---|
| Conductor Count: | 3 |
|------------------|---|

Insulation

| Material | Nominal Diameter |
|--------------------|------------------|
| PP - Polypropylene | 0.043 in |

Color Chart

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | White |
| 3 | Red |

Outer Shield

| Type |
|-----------|
| No Shield |

Outer Jacket

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.125 in | 0.016 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 27.7 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 14 pF/ft |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V |

Temperature Range

| | |
|------------------------------|---------------|
| UL Temp Rating: | 80°C |
| Operating Temperature Range: | -20°C To 80°C |

Mechanical Characteristics

| | |
|------------------------------|--------------|
| Bulk Cable Weight: | 8 lbs/1000ft |
| Max. Pull Tension: | 15 lbs |
| Min. Bend Radius/Minor Axis: | 1.3 in |

Standards

| | |
|--------------------------|-------------|
| NEC Articles: | Article 800 |
| UL AWM Style Compliance: | AWM 2937 |

Applicable Environmental and Other Programs

| | |
|--|-----|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| EU Directive 2011/65/EU (RoHS 2): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes |
| EU CE Mark: | Yes |

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Flammability, LSOH, Toxicity Testing

| | |
|-------------------|-----|
| CSA Flammability: | FT2 |
|-------------------|-----|

Related Part Numbers

Variants

| Item # | Color | Put-Up Type | Length | UPC |
|----------------|-------------|-------------|----------|--------------|
| 8634MN 006100 | Blue, Light | Reel | 100 ft | 612825424628 |
| 8634MN 0061000 | Blue, Light | Reel | 1,000 ft | 612825424888 |
| 8634MN 008100 | Gray | Reel | 100 ft | 612825424635 |
| 8634MN 0081000 | Gray | Reel | 1,000 ft | 612825424666 |
| 8634MN 004100 | Yellow | Reel | 100 ft | 612825424611 |
| 8634MN 0041000 | Yellow | Reel | 1,000 ft | 612825424642 |

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.44 Revision Date: 07-19-2023 |
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