



Product: [8639MN](#)

SpaceMaker™, 15 C #24 Str TC, PO Ins, PVC Jkt, AWM 2937

Product Description

SpaceMaker™, 15 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 | 15 |

Conductor Count: 15

Insulation

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

Color Chart

| Number | Color |
|--------|-------------|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Dark Green |
| 5 | Brown |
| 6 | Dark Blue |
| 7 | Orange |
| 8 | Yellow |
| 9 | Purple |
| 10 | Gray |
| 11 | Pink |
| 12 | Tan |
| 13 | Aqua |
| 14 | Light Green |
| 15 | Light Blue |

Outer Shield Material

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

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.234 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 Temp Range: | -20°C To 80°C |

Mechanical Characteristics

| | |
|-----------------------------|---------------|
| Bulk Cable Weight: | 33 lbs/1000ft |
| Max. Pull Tension: | 75 lbs |
| Min Bend Radius/Minor Axis: | 2.3 in |

Standards

| | |
|--------------------------|-------------|
| NEC Articles: | Article 800 |
| UL AWM Style Compliance: | AWM 2937 |
| Other Compliance: | NFPA 79 |

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 II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU: | Yes |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |

Suitability

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

Flammability, LS0H, Toxicity Testing

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

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|----------------|-------------|------------|----------|--------------|
| 8639MN 006100 | Blue, Light | Reel | 100 ft | 612825424307 |
| 8639MN 0061000 | Blue, Light | Reel | 1,000 ft | 612825424314 |
| 8639MN 008100 | Gray | Reel | 100 ft | 612825424321 |
| 8639MN 0081000 | Gray | Reel | 1,000 ft | 612825424338 |
| 8639MN 004100 | Yellow | Reel | 100 ft | 612825424246 |
| 8639MN 0041000 | Yellow | Reel | 1,000 ft | 612825424253 |

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.29 Revision Date: 06-24-2020 |
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