


Product: [8443MN](#) 

SpaceMaker™, 3 C #22 Str TC, PO Ins, PVC Jkt, AWM 2937



 [Request Sample](#)

Product Description

SpaceMaker™, 3 Conductor 22AWG (19x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 22 | 19x34 | TC - Tinned Copper | 3 |

Conductor Count:

Insulation

| Material | Nominal Wall Thickness |
|--------------------|------------------------|
| PP - Polypropylene | 0.010 in |

Color Chart

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

Outer Shield Material

| Material |
|-----------|
| No Shield |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.140 in | 0.016 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 14.9 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 16.6 pF/ft |

Inductance

| Nominal Inductance |
|--------------------|
| 0.031 μ H/ft |

Impedance

| Nominal Characteristic Impedance |
|----------------------------------|
| 51 Ohm |

Voltage

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

Temperature Range

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

Mechanical Characteristics

| | |
|---------------------------------------|---------------|
| Bulk Cable Weight: | 16 lbs/1000ft |
| Max. Pull Tension: | 15 lbs |
| Min Bend Radius During Installation: | 0.560 in |
| Min Bend Radius (Continuous Flexing): | 1.400 in |

Standards

| | |
|--------------------------|--------------------------------|
| UL AWM Style Compliance: | AWM 2937 (300 V 80°C), NFPA 79 |
|--------------------------|--------------------------------|

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/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 Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |

Suitability

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

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----------|
| CSA Flammability: | FT2 |
| UL voltage rating: | 300 V RMS |

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|----------------|-------------|------------|----------|--------------|
| 8443MN 006100 | Blue, Light | Reel | 100 ft | 612825386148 |
| 8443MN 0061000 | Blue, Light | Reel | 1,000 ft | 612825386155 |
| 8443MN 008100 | Gray | Reel | 100 ft | 612825386162 |
| 8443MN 0081000 | Gray | Reel | 1,000 ft | 612825386165 |
| 8443MN 004100 | Yellow | Reel | 100 ft | 612825386124 |
| 8443MN 0041000 | Yellow | Reel | 1,000 ft | 612825386131 |

History

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| Update and Revision: | Revision Number: 0.120 Revision Date: 02-16-2021 |
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