


Product: [8205MN](#) 



SpaceMaker™, 2 C #20 Str TC, PO Ins, PVC Jkt, AWM 2937

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## Product Description

SpaceMaker™, 2 Conductor 20AWG (26x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material           | No. of Pairs |
|-----|-----------|--------------------|--------------|
| 20  | 26x34     | TC - Tinned Copper | 1            |

Conductor Count:

#### Insulation

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

#### Color Chart

| Color         |
|---------------|
| Black & White |

#### Outer Shield Material

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

#### Outer Jacket Material

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.146 in         | 0.016 in               |

### Electrical Characteristics

#### Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 10.4 Ohm/1000ft       |

#### Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 14.4 pF/ft                              |

#### Inductance

| Nominal Inductance |
|--------------------|
| 0.168 $\mu$ H/ft   |

#### 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:                    | 11 lbs/1000ft |
| Max. Pull Tension:                    | 28 lbs        |
| Min Bend Radius During Installation:  | 0.580 in      |
| Min Bend Radius (Continuous Flexing): | 1.460 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, LS0H, Toxicity Testing

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

## Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Part Number

### Variants

| Item #         | Color       | Putup Type | Length   | UPC          |
|----------------|-------------|------------|----------|--------------|
| 8205MN 006100  | Blue, Light | Reel       | 100 ft   | 612825385783 |
| 8205MN 0061000 | Blue, Light | Reel       | 1,000 ft | 612825385790 |
| 8205MN 008100  | Gray        | Reel       | 100 ft   | 612825385806 |
| 8205MN 0081000 | Gray        | Reel       | 1,000 ft | 612825382607 |
| 8205MN 004100  | Yellow      | Reel       | 100 ft   | 612825385769 |
| 8205MN 0041000 | Yellow      | Reel       | 1,000 ft | 612825385776 |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.121 Revision Date: 06-24-2020 |
|----------------------|--|

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