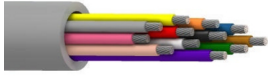


**Part Number:** 9457MN

SpaceMaker™, 12 C #20 Str TC, PO Ins, PVC Jkt, AWM 2937



 Request Sample

## Product Description

SpaceMaker™, 12 Conductor 20AWG (26x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
20	26x34	TC - Tinned Copper	12

Conductor Count: 12

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 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

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.269 in	0.016 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
10.4 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
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15.7 pF/ft

#### Inductance

##### Nominal Inductance

0.026 µH/ft

#### Impedance

##### Nominal Characteristic Impedance

47 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:	81 lbs/1000ft
Max Recommended Pulling Tension:	98 lbs
Min Bend Radius During Installation:	1.080 in
Min Bend Radius (Continuous Flexing):	2.690 in

### Standards

UL AWM Style:	AWM 2937 (300 V 80°C), NFPA 79
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### 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
CA Prop 65 (CJ for Wire & Cable):	Yes

### Suitability

Suitability - Indoor:	Yes
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### Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT2
UL voltage rating:	300 V RMS

### Part Number

#### Variants

Item #	Color	UPC	Length
9457MN 006100	Blue, Light	612825389675	100 ft
9457MN 0061000	Blue, Light	612825389682	1,000 ft
9457MN 008100	Gray	612825389699	100 ft
9457MN 0081000	Gray	612825389705	1,000 ft
9457MN 004100	Yellow	612825389651	100 ft
9457MN 0041000	Yellow	612825389668	1,000 ft

### History

Update and Revision:	Revision Number: 0.106 Revision Date: 08-28-2019
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