



Part Number: 8637MN

SpaceMaker™, 9 C #24 Str TC, PO Ins, PVC Jkt, AWM 2937

Product Description

SpaceMaker™, 9 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	9

Conductor Count:	9
Total Number of Pairs:	N/A

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

Outer Shield Material

Type
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.188 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:	20 lbs/1000ft
Max Recommended Pulling Tension:	45 lbs
Min Bend Radius/Minor Axis:	1.9 in

Standards

NEC Articles:	800
UL AWM Style:	AWM 2937
Other Specification:	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
CA Prop 65 (CJ for Wire & Cable):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

UL Flammability:	FT2
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Part Number

Variants

Item #	Color	UPC	Length
8637MN 006100	Blue, Light	612825424444	100 ft
8637MN 0061000	Blue, Light	612825424451	1,000 ft
8637MN 008100	Gray	612825424468	100 ft
8637MN 0081000	Gray	612825424475	1,000 ft
8637MN 004100	Yellow	612825424420	100 ft
8637MN 0041000	Yellow	612825424437	1,000 ft

History

Update and Revision:	Revision Number: 0.13 Revision Date: 08-28-2019
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