



Part Number: 9697MN

SpaceMaker™, 5 Pr #24 Str TC, PO Ins, IS, PVC Jkt, AWM 2937

Product Description

SpaceMaker™, 5 Pair 24AWG (10x34) Tinned Copper, PO Insulation, Individual Beldfoil® Shields, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
24	10x34	TC - Tinned Copper	5

Conductor Count:	10
Total Number of Pairs:	5

Insulation

Material	Nominal Diameter
PP - Polypropylene	0.043 in

Color Chart

Number	Color
Pair 1	Black and White
Pair 2	Red and Dark Green
Pair 3	Brown and Dark Blue
Pair 4	Orange and Yellow
Pair 5	Purple and Gray

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum/Mylar	Beldfoil®	100 %	TC - Tinned Copper	26

Outer Shield Material

Type
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.251 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
27.7 Ohm/1000ft	11.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
27 pF/ft

Inductance

Nominal Inductance

0.19 µH/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 Recommended Pulling Tension:	77 lbs
Min Bend Radius/Minor Axis:	2.6 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
9697MN 006100	Blue, Light	612825428572	100 ft
9697MN 0061000	Blue, Light	612825428589	1,000 ft
9697MN 008100	Gray	612825428596	100 ft
9697MN 0081000	Gray	612825428602	1,000 ft
9697MN 004100	Yellow	612825428558	100 ft
9697MN 0041000	Yellow	612825428565	1,000 ft

History

Update and Revision:	Revision Number: 0.11 Revision Date: 08-28-2019
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