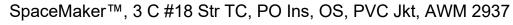


Product: 8770MN ☑





Request Sample

Product Description

SpaceMaker™, 3 Conductor 18AWG (41x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor				
AWG	Stranding	Material	No. of Co	onductors
18	41x34	TC - Tinned Copper	3	
Conductor Count:				3

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 in

Color Chart



Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Таре	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	20

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.181 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR 6.5 Ohm/1000ft

Capacitance

No	om. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
43	.4 pF/ft	14.8 pF/ft

Inductance

Nominal Inductance

Impedance

Nominal Characteristic Impedance

Voltage



Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	36 lbs/1000ft
Max. Pull Tension:	39 lbs
Min Bend Radius/Minor Axis:	1.8 in

Standards

NEC Articles:	Article 800	
UL AWM Style Compliance:	UL Style AWM 2937 (300 V 80C)	
Other Compliance:	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:	Yes
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

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8770MN 006100	Blue, Light	Reel	100 ft	612825386230
8770MN 0061000	Blue, Light	Reel	1,000 ft	612825386261
8770MN 008100	Gray	Reel	100 ft	612825386247
8770MN 0081000	Gray	Reel	1,000 ft	612825386278
8770MN 004100	Yellow	Reel	100 ft	612825386223
8770MN 0041000	Yellow	Reel	1,000 ft	612825386254

History

Update and Revision: Revision Number: 0.127 Revision Date: 09-30-2020

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