


**Product:** [9740MN](#) 



SpaceMaker™, 2 C #18 Str TC, PO Ins, PVC Jkt, AWM 2937

 [Request Sample](#)

## Product Description

SpaceMaker™, 2 Conductor 18AWG (41x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
18	41x34	TC - Tinned Copper	1

Conductor Count:

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 in

#### Color Chart

Number	Color
1	Black & White
2	White
3	Red
4	Dark Green
5	Brown
6	Dark Blue
7	Orange
8	Yellow
9	Purple

#### Outer Shield Material

Material
No Shield

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.166 in	0.016 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
15.3 pF/ft

#### Inductance

<b>Nominal Inductance</b>
0.170 µH/ft

#### Impedance

<b>Nominal Characteristic Impedance</b>
39 Ohm

#### Voltage

<b>UL Voltage Rating</b>
300 V RMS

#### Temperature Range

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

#### Mechanical Characteristics

Bulk Cable Weight:	16 lbs/1000ft
Max. Pull Tension:	45 lbs
Min Bend Radius During Installation:	0.660 in
Min Bend Radius (Continuous Flexing):	1.660 in

#### Standards

UL AWM Style Compliance:	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

#### Suitability

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

CSA Flammability:	FT2
UL voltage rating:	300 V RMS

#### Part Number

##### Variants

Item #	Color	Putup Type	Length	UPC
9740MN 006100	Blue, Light	Reel	100 ft	612825385578
9740MN 0061000	Blue, Light	Reel	1,000 ft	612825385608
9740MN 008100	Gray	Reel	100 ft	612825385585
9740MN 0081000	Gray	Reel	1,000 ft	612825382713
9740MN 004100	Yellow	Reel	100 ft	612825385561
9740MN 0041000	Yellow	Reel	1,000 ft	612825385592

#### History

Update and Revision:	Revision Number: 0.161 Revision Date: 04-28-2020
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- Поставка более 17-ти миллионов наименований электронных компонентов;
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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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