

**Part Number: 9740MN**

SpaceMaker™, (1 pr) 18 AWG (41x34) TC, PP/PVC



[Request Sample](#)

## Product Description

One 18 AWG pair stranded (41x34) tinned copper conductors, polypropylene insulation, PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors	No. of Pairs
18	41x34	TC - Tinned Copper	2	1

Conductor Count:	2
Total Number of Pairs:	1
Conductor Size:	18 AWG

#### 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
Unshielded

#### 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

Shielding:	Unshielded
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## Inductance

### Nominal Inductance

0.170 µH/ft

## Impedance

### Nominal Characteristic Impedance

39 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:	16 lbs/1000ft
Max Recommended Pulling Tension:	45 lbs
Min Bend Radius During Installation:	0.660 in
Min Bend Radius (Continuous Flexing):	1.660 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

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color
9740MN 006100	Blue, Light
9740MN 0061000	Blue, Light
9740MN 008100	Gray
9740MN 0081000	Gray
9740MN 004100	Yellow
9740MN 0041000	Yellow

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