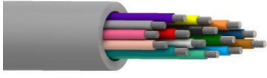


**Part Number: 8468MN**

SpaceMaker™, (15) 18 AWG (41x34) TC, PP/PVC



[Request Sample](#)

**Product Description**

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

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
18	41x34	TC - Tinned Copper	15

Conductor Count:	15
Conductor Size:	18 AWG

**Insulation**

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 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
10	Gray
11	Pink
12	Tan
13	Aqua
14	Light Green
15	Light Blue

**Outer Shield Material**

Material
Unshielded

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.347 in	0.016 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
6.5 Ohm/1000ft

## Capacitance

### Nom. Capacitance Conductor to Conductor

14.8 pF/ft

Shielding: Unshielded

## Inductance

### Nominal Inductance

0.022 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: 101 lbs/1000ft

Max Recommended Pulling Tension: 375 lbs

Min Bend Radius During Installation: 1.390 in

Min Bend Radius (Continuous Flexing): 3.470 in

## Standards

UL AWM Style: AWM 2937 (300 V 80°C), 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: 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

## Flammability, LSOH, Toxicity Testing

CSA Flammability: FT2

UL voltage rating: 300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N): No

## Part Number

### Variants

Item #	Color
8468MN 006100	Blue, Light
8468MN 0061000	Blue, Light
8468MN 008100	Gray
8468MN 0081000	Gray
8468MN 004100	Yellow

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