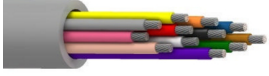


Part Number: 8466MN

SpaceMaker™, (12) 18 AWG (41x34) TC, PP/PVC



[Request Sample](#)

Product Description

Twelve 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	12

Conductor Count:	12
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

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.310 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
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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:	113 lbs/1000ft
Max Recommended Pulling Tension:	156 lbs
Min Bend Radius During Installation:	1.240 in
Min Bend Radius (Continuous Flexing):	3.100 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, LSOH, 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
8466MN 006100	Blue, Light
8466MN 0061000	Blue, Light
8466MN 008100	Gray
8466MN 0081000	Gray
8466MN 004100	Yellow
8466MN 0041000	Yellow

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