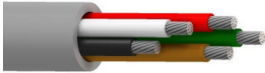




Part Number: 8465MN

SpaceMaker™, (5) 18 AWG (41x34) TC, PP/PVC



Product Description

Five 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	5
Conductor Count:			5
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

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.213 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
300V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	50 lbs/1000ft
Max Recommended Pulling Tension:	65 lbs
Min Bend Radius (Continuous Flexing):	2.130 in

Standards

UL AWM Style:	AWM 2937 (300V 80C), 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
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
8465MN 006100	BLUE, LIGHT
8465MN 0061000	BLUE, LIGHT
8465MN 008100	GRAY
8465MN 0081000	GRAY
8465MN 004100	YELLOW
8465MN 0041000	YELLOW

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