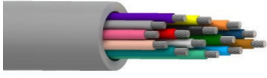


Part Number: 8458MN

SpaceMaker™, (15) 22 AWG (19x34) TC, PP/PVC



[Request Sample](#)

Product Description

Fifteen 22 AWG pair stranded (19x34) tinned copper conductors, polypropylene insulation, PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	19x34	TC - Tinned Copper	15

Conductor Count:	15
Conductor Size:	22 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	0.267 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
14.9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

16.6 pF/ft

Shielding: Unshielded

Inductance

Nominal Inductance

0.031 µH/ft

Impedance

Nominal Characteristic Impedance

51 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: 52 lbs/1000ft

Max Recommended Pulling Tension: 135 lbs

Min Bend Radius During Installation: 1.070 in

Min Bend Radius (Continuous Flexing): 2.670 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
8458MN 006100	Blue, Light
8458MN 0061000	Blue, Light
8458MN 008100	Gray
8458MN 0081000	Gray
8458MN 004100	Yellow

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