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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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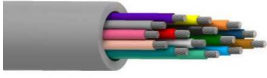
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Part Number: 8458MN

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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