



Part Number: 8458MN

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

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
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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

Inductance

Nominal Inductance
0.031 µH/ft

Impedance

Nominal Characteristic Impedance
51 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:	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 (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
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
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Part Number

Plenum (Y/N):	No
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Variants

Item #	Color
8458MN 006100	BLUE, LIGHT
8458MN 0061000	BLUE, LIGHT
8458MN 008100	GRAY
8458MN 0081000	GRAY
8458MN 004100	YELLOW

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