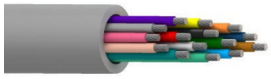
BELDEN
SENDING ALL THE RIGHT SIGNALS



Product: 8458MN

SpaceMaker™, 15 C #22 Str TC, PO Ins, PVC Jkt, AWM 2937

Request Sample

Product Description

SpaceMaker™, 15 Conductor 22AWG (19x34) Tinned Copper, PO Insulation, PVC Outer Jacket, AWM 2937

Technical Specifications

Physical Characteristics (Overall)

Conductor

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

Conductor Count:	15

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
No Shield

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
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. Pull Tension:	135 lbs
Min Bend Radius During Installation:	1.070 in
Min Bend Radius (Continuous Flexing):	2.670 in

Standards

UL AWM Style Compliance:	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

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT2
UL voltage rating:	300 V RMS

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8458MN 006100	Blue, Light	Reel	100 ft	612825385684
8458MN 0061000	Blue, Light	Reel	1,000 ft	612825385691
8458MN 008100	Gray	Reel	100 ft	612825385707
8458MN 0081000	Gray	Reel	1,000 ft	612825382690
8458MN 004100	Yellow	Reel	100 ft	612825385660
8458MN 0041000	Yellow	Reel	1,000 ft	612825385677

History

Update and Revision:	Revision Number: 0.112 Revision Date: 04-08-2020

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