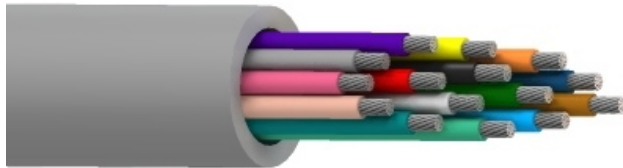


## 8458MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

22 AWG stranded (19x34) tinned copper conductors, fifteen conductors cabled, Polypropylene insulation, PVC Jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
15	22	19x34	TC - Tinned Copper

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.254

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.406

#### Overall Cable

Overall Cabling Color Code 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

Overall Nominal Diameter: 6.782 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Bulk Cable Weight:	77.386 Kg/Km
Max. Recommended Pulling Tension:	600.507 N
Min. Bend Radius/Minor Axis:	27.178 mm
Min. Bend Radius (Continuous Flexing):	67.818 mm
Flex Cycle Rating:	1 Million Flexes

## 8458MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Other Specification:	UL Style AWM 2937 (300V 80C), NFPA 79

#### Flame Test

CSA Flame Test:	FT2
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### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/m)
0.102

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
54.465

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
48.887

#### Max. Operating Voltage - UL:

Voltage
300 V RMS

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8458MN 004100	100 FT	6.700 LB	YELLOW		15 #22 PO PVC
8458MN 0041000	1,000 FT	55.000 LB	YELLOW		15 #22 PO PVC
8458MN 006100	100 FT	6.700 LB	BLUE, LIGHT		15 #22 PO PVC
8458MN 0061000	1,000 FT	55.000 LB	BLUE, LIGHT		15 #22 PO PVC
8458MN 008100	100 FT	6.700 LB	GRAY		15 #22 PO PVC
8458MN 0081000	1,000 FT	55.000 LB	GRAY		15 #22 PO PVC

Revision Number: 0 Revision Date: 09-29-2016

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