Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



8205MN Multi-Conductor - SpaceMaker Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



General Description:

20 AWG stranded (26x34) tinned copper conductors, Polypropylene insulation, twisted pairs, PVC jacket.

Physical Characteristics (Overall)

Conductor

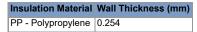
AWG:

# Pairs AWG		Stranding	Conductor Material		
1	20	26x34	TC - Tinned Copper		

Total Number of Conductors: 2

Insulation

Insulation Material:



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

Overall Nominal Diameter: 3.708 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Bulk Cable Weight:	16.370 Kg/Km
Max. Recommended Pulling Tension:	124.550 N
Min. Bend Radius/Minor Axis:	14.732 mm
Min. Bend Radius (Continuous Flexing):	37.084 mm
Flex Cycle Rating:	1 Million Flexes

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	

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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

FT2 **CSA Flame Test:**

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m) 0.085

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 34.122

Max. Operating Voltage - UL:

Voltage 300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8205MN 004100	100 FT	2.600 LB	YELLOW		2 #20 PO PVC
8205MN 0041000	1,000 FT	13.000 LB	YELLOW		2 #20 PO PVC
8205MN 006100	100 FT	2.600 LB	BLUE, LIGHT		2 #20 PO PVC
8205MN 0061000	1,000 FT	13.000 LB	BLUE, LIGHT		2 #20 PO PVC
8205MN 008100	100 FT	2.600 LB	GRAY		2 #20 PO PVC
8205MN 0081000	1,000 FT	13.000 LB	GRAY		2 #20 PO PVC

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

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