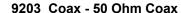
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION





For more Information please call

1-800-Belden1



BELDEN

General Description:

20 AWG stranded (19x33) .035" tinned copper conductor, polyethylene insulation, tinned copper braid shield (95% coverage), non-contaminating PVC jacket.

1

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	20	19x33	TC - Tinned Copper	0.889

Total Number of Conductors:

Insulation

Insulation Material:

Insulation Material Dia. (mm)
PE - Polyethylene | 2.9464

Outer Shield

Outer Shield Material:

Type Outer Shield Mate		_ , ,
Braid	TC - Tinned Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Material PVCNC - Polyvinyl Chloride Non-Contaminating

Overall Cable

Overall Nominal Diameter: 4.953 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +85°C
UL Temperature Rating:	85°C
Bulk Cable Weight:	37.205 Kg/Km
Max. Recommended Pulling Tension:	186.824 N
Min. Bend Radius/Minor Axis:	50.800 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	No
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes

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9203 Coax - 50 Ohm Coax

	CA Prop 65 (CJ for Wire & Cable):	Yes		
	MII Order #39 (China RoHS):	Yes		
	Military Specification:	MIL-DTL-17, M17/28, QPL		
	RG Type:	58/U		
Ple	enum/Non-Plenum			
	Plenum (Y/N):	No		

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance	(Ohm)
50	

Nom. Inductance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:

DCR @ 20°C	(Ohm/km)
35.4348	

Nominal Outer Shield DC Resistance:

DCR@2	20°C	(Ohm/km)
13.4521		

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1	1.3124
10	4.5934
50	10.8273
100	16.0769
200	23.9513
400	37.7315
700	55.777
900	65.62
1000	70.5415

Max. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
50	13.124
100	21.3265
400	55.777
1000	91.868

Max. Power Rating:

Freq. (MHz)	Rating (W)
50	300
100	200
400	90
1000	55

Max. Operating Voltage - Non-UL:

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Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9203 Coax - 50 Ohm Coax



Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9203 0101000	1,000 FT	27.000 LB	BLACK		M17/28-RG058 COAX
9203 010500	500 FT	14.000 LB	BLACK	С	M17/28-RG058 COAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 04-04-2014

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