

9203

Part Number: 9203



Product Description

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

Product Specifications

Conductor

Total Number of Conductors:

1

Technical Specifications

APAC Standard

MIl Order #39 (China RoHS):

Yes

Bend Radius

Min Bend Radius/Minor Axis:

2 in

CCB-Sub-Part Number

Plenum (Y/N):

No

Contact Information

PHONE_NUM:

1-800-Belden1

EMEA Standard

EU Directive Compliance:

EU Directive 2003/11/EC (BFR)

Environmental Characteristics

Operating Temp Range:	-40°C To +85°C
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EU Directive

EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
Military Specification:	MIL-DTL-17H, M17/28, QPL
RG Type:	58/U

Temperature Range

UL Temp Rating:	85°C
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Use

Max Recommended Pulling Tension:	42 lbs
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Impedance:

Nominal Characteristic Impedance
50 Ohm

Inductance:

Nominal Inductance
0.077 μ H/ft

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
10.8 Ohm/1000ft	4.1 Ohm/1000ft

Power Rating:

Frequency [MHz]	Max. Power Rating [W]
50 MHz	300 W
100 MHz	200 W
400 MHz	90 W

1,000 MHz	55 W
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Delay:

Nominal Delay	Nominal Velocity of Propagation (VP)
1.54 ns/ft	66 %

Voltage:

Non-UL Voltage Rating
1400V RMS

High Freq:

Frequency [MHz]	Max. Insertion Loss (Attenuation)
50 MHz	4 db/100ft
100 MHz	6.5 db/100ft
400 MHz	17 db/100ft
1000 MHz	28 db/100ft

Capacitance:

Nominal Capacitance Conductor to Shield
30.8 pF/ft

High Frequency (Nominal/Typical):

Frequency (MHz)	Nom. Insertion Loss
1 MHz	0.4 db/100ft
10 MHz	1.4 db/100ft
50 MHz	3.3 db/100ft
100 MHz	4.9 db/100ft
200 MHz	7.3 db/100ft
400 MHz	11.5 db/100ft
700 MHz	17 db/100ft
900 MHz	20 db/100ft
1000 MHz	21.5 db/100ft

Insulation:

Material	Nominal Diameter
PE - Polyethylene	0.116 in

Outerjacket 1:

Material	Nominal Diameter
PVCNC - Polyvinyl Chloride Non-Contaminating	0.195 in

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
20	19x33	TC - Tinned Copper	0.035 in	1

Outershield 1:

Type	Material	Coverage
Braid	TC - Tinned Copper	95 %

Product Variants

Part Number	Color	Put-Up Type	Length
9203 0101000	BLACK	Reel	1000 ft
9203 010500	BLACK	Reel	500 ft

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