# **Detailed Specifications & Technical Data**



### ENGLISH MEASUREMENT VERSION

### 9203 Coax - 50 Ohm Coax

For more Information please call

1-800-Belden1



### **Description:**

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

Physical Characteristics (Overall)	
Conductor AWG:	
# CoaxAWGStrandingConductor MaterialDia. (in.)12019x33TC - Tinned Copper.035	
Insulation Insulation Material: Insulation Material Dia. (in.) PE - Polyethylene .116	
Outer Shield Outer Shield Material:	
TypeOuter Shield MaterialCoverage (%)BraidTC - Tinned Copper95	
Outer Jacket Outer Jacket Material:	
Outer Jacket Material PVCNC - Polyvinyl Chloride Non-Contaminating	
Overall Cable	
Overall Nominal Diameter:	0.195 in.
Mechanical Characteristics (Overall)	
Mechanical Characteristics (Overall) Operating Temperature Range:	-40°C To +85°C
	-40°C To +85°C 85°C
Operating Temperature Range:	
Operating Temperature Range: UL Temperature Rating:	85°C
Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight:	85°C 25 lbs/1000 ft.
Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight: Max. Recommended Pulling Tension: Min. Bend Radius (Install)/Minor Axis:	85°C   25 lbs/1000 ft.   42 lbs.   2 in.
Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight: Max. Recommended Pulling Tension:	85°C     25 lbs/1000 ft.     42 lbs.     2 in.     mpliance (Overall)
Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight: Max. Recommended Pulling Tension: Min. Bend Radius (Install)/Minor Axis: Applicable Specifications and Agency Cor	85°C     25 lbs/1000 ft.     42 lbs.     2 in.     mpliance (Overall)
Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight: Max. Recommended Pulling Tension: Min. Bend Radius (Install)/Minor Axis: Applicable Specifications and Agency Cor Applicable Standards & Environmental Program	85°C     25 lbs/1000 ft.     42 lbs.     2 in.     mpliance (Overall)     ams
Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight: Max. Recommended Pulling Tension: Min. Bend Radius (Install)/Minor Axis: Applicable Specifications and Agency Cor Applicable Standards & Environmental Progra EU CE Mark:	85°C     25 lbs/1000 ft.     42 lbs.     2 in.     mpliance (Overall)     ams     No
Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight: Max. Recommended Pulling Tension: Min. Bend Radius (Install)/Minor Axis: Applicable Specifications and Agency Cor Applicable Standards & Environmental Progra EU CE Mark: EU Directive 2000/53/EC (ELV):	85°C   25 lbs/1000 ft.   42 lbs.   2 in.   mpliance (Overall)   ams   No   Yes
Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight: Max. Recommended Pulling Tension: Min. Bend Radius (Install)/Minor Axis: Applicable Specifications and Agency Cor Applicable Standards & Environmental Progra EU CE Mark: EU Directive 2000/53/EC (ELV): EU Directive 2002/95/EC (RoHS):	85°C   25 lbs/1000 ft.   42 lbs.   2 in.   mpliance (Overall)   ams   No   Yes   Yes
Operating Temperature Range:   UL Temperature Rating:   Bulk Cable Weight:   Max. Recommended Pulling Tension:   Min. Bend Radius (Install)/Minor Axis:   Applicable Specifications and Agency Corr   Applicable Standards & Environmental Prograte   EU CE Mark:   EU Directive 2000/53/EC (ELV):   EU Directive 2002/95/EC (RoHS):   EU RoHS Compliance Date (mm/dd/yyyy):	85°C   25 lbs/1000 ft.   42 lbs.   2 in.   mpliance (Overall)   ams   No   Yes   Yes   10/01/2005
Operating Temperature Range:   UL Temperature Rating:   Bulk Cable Weight:   Max. Recommended Pulling Tension:   Min. Bend Radius (Install)/Minor Axis:   Applicable Specifications and Agency Cor   Applicable Standards & Environmental Progra   EU CE Mark:   EU Directive 2000/53/EC (ELV):   EU Directive 2002/95/EC (RoHS):   EU RoHS Compliance Date (mm/dd/yyyy):   EU Directive 2002/96/EC (WEEE):	85°C   25 lbs/1000 ft.   42 lbs.   2 in.   mpliance (Overall)   ams   No   Yes   Yes   10/01/2005   Yes

# **Detailed Specifications & Technical Data**

## ENGLISH MEASUREMENT VERSION



### 9203 Coax - 50 Ohm Coax

Militar			
winntai	ry Specification:	MIL-C-17G, M17/28	
RG Ty	/pe:	58/U	
lenum/N	Non-Plenum		
	m (Y/N):	No	
ectrica	I Characteristics (	Overall)	
om. Cha	racteristic Impedance:		
Impedar 50	nce (Ohm)		
om. Indu	ictance:		
	nce (µH/ft)		
om. Cap	acitance Conductor to	Shield:	
	ance (pF/ft)		
ominal V	/elocity of Propagation		
VP (%)	cloury of Fropagation		
66			
ominal D	)olav:		
Delay (n			
1.54	5/1()		
om. Con			
	ductor DC Resistance:		
	20°C (Ohm/1000 ft)		
DCR @ 2			
10.8			
10.8 ominal C	20°C (Ohm/1000 ft)		
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10.8 ominal C DCR @ 2 4.1	20°C (Ohm/1000 ft) Duter Shield DC Resista		
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10.8 ominal C DCR @ 2 4.1 om. Atte Freq. (M 1 10 50 100 200 400 700 900	20°C (Ohm/1000 ft) Duter Shield DC Resistant 20°C (Ohm/1000 ft) nuation: Hz) Attenuation (dB/100 ft) 4.4 1.4 3.3 4.9 7.3 11.5 17.0 20.0	ince:	
10.8 ominal C DCR @ 2 4.1 om. Atte Freq. (M 1 10 50 100 200 400 700 900 1000	20°C (Ohm/1000 ft) Duter Shield DC Resistant 20°C (Ohm/1000 ft) nuation: Hz) Attenuation (dB/100 ft 4 1.4 3.3 4.9 7.3 11.5 17.0 20.0 21.5	ince:	
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1400 V RMS



#### **Related Documents:**

No related documents are available for this product

### 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	12.500 LB	BLACK	С	M17/28-RG058 COAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 05-14-2007

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