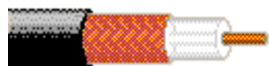


Product: [9201](#) 



50 Ohm Wireless Transmission Coax, RG-58, 20 AWG Solid BC, 80% BC Braid, PVC Jkt

Product Description

50 Ohm Wireless Transmission Coax, RG-8, 20 AWG Bare Copper Conductor, PE Insulation, 80% Bare Copper Braid Shield, PVC Jacket

Technical Specifications

Product Overview

Suitable Applications:	Point-to-point and point-to-multipoint wireless antenna communication; Wireless microphones, Two-Way Radios, Amateur (Ham) Radio, Low Power FM, GPS, RFID (Radio Frequency Identification)
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Construction Details

RG Type:	58
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Conductor

No. of Elements	Size	Stranding	Nom. Diameter	Material
1	20 AWG	Solid	0.033 in	BC - Bare Copper

Insulation

Material	Nom. Insulation Diameter	Color Code
PE - Polyethylene	0.116 in (2.95 mm)	White

Outer Shield

Layer	Outer Shield Type	Material	Coverage
1	Braid	Bare Copper (BC)	80%

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.193 in (4.90 mm)

Overall Cable Diameter (Nominal):	0.193 in (4.90 mm)
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Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.3 dB/100ft
10 MHz	1.1 dB/100ft
50 MHz	2.5 dB/100ft
100 MHz	3.8 dB/100ft
200 MHz	5.6 dB/100ft
400 MHz	8.4 dB/100ft
700 MHz	11.7 dB/100ft
900 MHz	13.7 dB/100ft
1000 MHz	14.5 dB/100ft

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
10.3 Ohm/1000ft (33.8 Ohm/km)	7.1 Ohm/1000ft (23 Ohm/km)	28.5 pF/ft (93.5 pF/m)	52 Ohm	66%

Voltage

Voltage Rating
1900 V RMS

Mechanical Characteristics

Temperature

Operating
-30°C To +80°C

Bend Radius

Stationary Min.	Installation Min.
1.93 in (49.0 mm)	1.93 in (49.0 mm)

Max. Pull Tension:	72 lbs (33 kg)
Bulk Cable Weight:	23 lbs/1000ft (34 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.622 Revision Date: 12-18-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9201 010500	Black	Reel	500 ft	612825225188	
9201 010U500	Black	UnReel	500 ft	612825225225	
9201 0101000	Black	Reel	1,000 ft	612825225218	C
9201 010U1000	Black	UnReel	1,000 ft	612825225195	

Footnote:	C - CRATE REEL PUT-UP.
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