



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

Number of Element	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	7.1 Ohm/1000ft (23 Ohm/km)	28.5 pF/ft (93.5 pF/m)	52 Ohm	66%

## Voltage

Voltage Rating
1400 V RMS

## Mechanical Characteristics

### Temperature

UL Temperature	Operating
75°C	-30°C To +80°C

### Bend Radius

Stationary Min.	Installation Min.
2 in (51 mm)	2 in (51 mm)

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

## 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)

## Product Notes

Notes:	PF_9201 (1)# Elements@Conductor1:-In Stibo it was Blank and now changed it to 1. (2)Size@Conductor1 :-In Stibo it was 20 now changed to 20 AWG (3)Color@Color Chart1 01 :- In stibo it was Blank now Changed to White (4)Coverage@OuterShield1 2 - in stibo it was 80% Now changed to 81% (5)Cable diameter- it was blank now changed to 0.193 in
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## History

Update and Revision:	Revision Number: 0.488 Revision Date: 05-01-2023
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## Part Numbers

### Variants

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

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