



**Product:** [9259](#)

75 Ohm Analog Video Coax, RG-59, 22 AWG Str BC, 95% BC Braid, PVC Jkt, CM

**Product Description**

75 Ohm Analog Video Coax, RG-59, 22 AWG (7x30) Bare Copper Conductor , PE Insulation, 95% Bare Copper Braid Shield, PVC Jacket, CM

**Technical Specifications**

**Product Overview**

Suitable Applications:	Standard analog video
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**Construction Details**

RG Type:	59
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**Conductor**

Size	Stranding	Nom. Diameter	Material
22 AWG	7x30	0.029 in	BC - Bare Copper

**Insulation**

Material	Nom. Insulation Diameter
PE - Polyethylene (Foam)	0.146 in (3.71 mm)

**Outer Shield**

Outer Shield Type	Material	Coverage
Braid	Bare Copper (BC)	95%

**Outer Jacket**

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.240 in (6.10 mm)

Overall Cable Diameter (Nominal):	0.240 in (6.10 mm)
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**Electrical Characteristics**

**Attenuation**

Frequency	Nom. Attenuation
1 MHz	0.3 dB/100ft
5 MHz	0.65 dB/100ft
10 MHz	0.9 dB/100ft
50 MHz	2.1 dB/100ft
100 MHz	3 dB/100ft
200 MHz	4.5 dB/100ft
400 MHz	6.6 dB/100ft
700 MHz	8.9 dB/100ft
900 MHz	10.1 dB/100ft
1000 MHz	10.9 dB/100ft

**Electricals**

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
15 Ohm/1000ft (49 Ohm/km)	2.6 Ohm/1000ft (8.5 Ohm/km)	17.3 pF/ft (56.8 pF/m)	75 Ohm	78%

## Voltage

### UL Voltage Rating

300 V (CM), 30 V (UL AWM 1354)

## Mechanical Characteristics

### Temperature

#### Operating

-30°C to +75°C

### Bend Radius

#### Installation Min.

2.4 in

Max. Pull Tension: 52 lbs (24 kg)

Bulk Cable Weight: 34 lbs/1000ft

## Standards and Compliance

Environmental Suitability: Indoor (Not Riser or Plenum), Indoor

Sustainability: CA Prop 65

Flammability / Reaction to Fire: UL1685 UL Loading

NEC / UL Compliance: CM

AWM Compliance: 1354

CEC / C(UL) Compliance: CM

European Directive Compliance: EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

APAC Compliance: China RoHS II (GB/T 26572-2011)

Plenum Number: 89259

## History

Update and Revision: Revision Number: 0.325 Revision Date: 12-15-2021

### Variants

Item #	Color	Putup Type	Length	UPC
9259 010100	Black	Reel	100 ft	612825358893
9259 010500	Black	Reel	500 ft	612825354987
9259 010U500	Black	UnReel	500 ft	612825357841
9259 0101000	Black	Reel	1,000 ft	612825352969
9259 010U1000	Black	UnReel	1,000 ft	612825358770
9259 0101200	Black	Reel	1,200 ft	612825352921
9259 0101500	Black	Reel	1,500 ft	612825358787
9259 0105000	Black	Reel	5,000 ft	612825358909

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