

**Part Number: 9259**

Analog Video, RG59, 22 AWG Stranded BC, BC Braid, PVC Jacket, CM



**Product Description**

Analog Video, RG-59/U, 22 AWG stranded (7x30) .030" bare copper conductor, foam polyethylene insulation, bare copper braid shield (95% coverage), CM PVC jacket.

**Technical Specifications**

**Product Overview**

Environmental Space:	Indoor (Not Riser or Plenum)
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	Nominal Diameter	No. of Coax
22	7x30	BC - Bare Copper	0.03 in	1

Conductor Count:	1
Conductor Size:	22 AWG

**Insulation**

Material	Nominal Diameter
FPE - Foamed Polyethylene	0.146 in

**Outer Shield Material**

Type	Material	Coverage [%]
Braid	BC - Bare Copper	95 %

**Outer Jacket Material**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.241 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR	Nominal Outer Shield DCR	Outer Conductor DCR
15 Ohm/1000ft	2.6 Ohm/1000ft	2.6 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Shield
17.3 pF/ft

**Inductance**

Nominal Inductance
0.09 $\mu$ H/ft

**Impedance**

Nominal Characteristic Impedance
75 Ohm

### High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
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

### Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.3 ns/ft	78 %

### High Freq

Frequency [MHz]	Max. Insertion Loss (Attenuation)
400 MHz	7.4 dB/100ft

### Voltage

UL Voltage Rating
300 V RMS

### Temperature Range

Non-UL Temp Rating:	80°C
Operating Temp Range:	-40°C To +80°C

### Mechanical Characteristics

Bulk Cable Weight:	33 lbs/1000ft
Max Recommended Pulling Tension:	65 lbs
Min Bend Radius/Minor Axis:	2.5 in

### Standards

NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
UL AWM Style:	UL Style 1354
CPR Euroclass:	Eca
RG Type:	59/U Type

### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

### Suitability

Suitability - Indoor:	Yes
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### Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	89259 or 82259

## Part Number

### Variants

Item #	Color	Footnote
9259 010100	Black	
9259 0101000	Black	C
9259 010500	Black	C
9259 0105000	Black	C
9259 010U1000	Black	
9259 010U500	Black	
9259 0101200	Black	
9259 0101200	Black	
9259 0101500	Black	
9259 0101500	Black	

Footnote:	C - CRATE REEL PUT-UP.
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