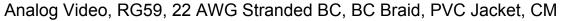


Part Number: 9259





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) **Physical Characteristics (Overall)** Conductor Nominal Diameter No. of Coax AWG Stranding Material 7x30 BC - Bare Copper 0.03 in Conductor Count: Conductor Size: 22 AWG Insulation Material **Nominal Diameter** FPE - Foamed Polyethylene 0.146 in **Outer Shield Material** Material Coverage [%] Type Braid BC - Bare Copper 95 % **Outer Jacket Material** Material Nominal Diameter PVC - Polyvinyl Chloride 0.241 in **Electrical Characteristics** 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 Shielding: Braid(s) Inductance

High Frequency (Nominal/Typical)

Nominal Inductance

Impedance

75 Ohm

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:	СМ
CEC/C(UL) Specification:	CM
UL AWM Style:	UL Style 1354
CPR Euroclass:	Eca
RG Type:	59/U Type
RG / Series 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, LS0H, 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	С
9259 010500	Black	С
9259 0105000	Black	С
9259 010U1000	Black	
9259 010U500	Black	
9259 0101200	Black	
9259 0101200	Black	
9259 0101500	Black	
9259 0101500	Black	
Footnote:		

te: C - CRATE REEL PUT-UP.

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