



**Product:** <u>8281</u> ☑

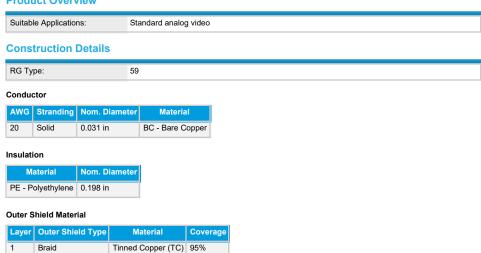
75 Ohm Analog Video Coax, RG-59, 20 AWG Solid BC, Double 95% TC Braid, PE Jkt

# **Product Description**

75 Ohm Analog Video Coax, RG-59, 20 AWG Solid Bare Copper Conductor, PE Insulation, Double 95% Tinned Copper Braid Shield, PE Jacket

## **Technical Specifications**

## **Product Overview**



# 2 Braid Outer Jacket Material

Material	Nom. Diameter
PE - Polyethylene	0.305 in

Tinned Copper (TC) 95%

# **Electrical Characteristics**

# Return Loss (RL)

Frequency [MHz]	Min. Return Loss [dB]
5 - 216 MHz	27 dB
216 - 850 MHz	23 dB

#### Attenuation

Frequency	Nom. Attenuation [dB/100ft]
1 MHz	0.3 dB/100ft
3.6 MHz	0.5 dB/100ft
10 MHz	0.8 dB/100ft
71.5 MHz	2.1 dB/100ft
135 MHz	3.0 dB/100ft
270 MHz	4.3 dB/100ft
360 MHz	5.1 dB/100ft
540 MHz	6.3 dB/100ft
720 MHz	7.4 dB/100ft

750 MHz	7.6 dB/100ft
1000 MHz	9.2 dB/100ft

#### Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Impedence	Nom. Velocity
10.8 Ohm/1000ft	1.1 Ohm/1000ft	21 pF/ft	75 Ohm	66%

### Voltage

Non-UL Voltage Rating 2900 V

#### **Mechanical Characteristics**

#### Temperature

Operating -55°C to +75°C

#### **Bend Radius**



Bulk Cable Weight:	69 lbs/1000ft
Max. Pull Tension:	134 lbs

#### **Standards and Compliance**

Environmental Suitability:	ntal Suitability: Outdoor - Aerial, Indoor	
Sustainability: CA Prop 65		
European Directive Compliance:	EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)	
APAC Compliance: China RoHS II (GB/T 26572-2011)		
Plenum Number:	88281	

#### History

Update and Revision:	Revision Number: 0.322 Revision Date: 09-30-2020

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