



Product: <u>8281</u> ☑

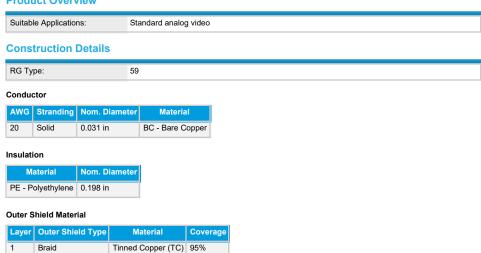
75 Ohm Analog Video Coax, RG-59, 20 AWG Solid BC, Double 95% TC Braid, PE Jkt

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
10.8 Ohm/1000ft	1.1 Ohm/1000ft	21 pF/ft	75 Ohm

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:	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: 0.314 Revision Date: 08-25-2020	
•		

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Coaxial Cables category:

Click to view products by Belden manufacturer:

Other Similar products are found below:

89880-003-1000 633948-877-1000 CY2389-000 8213-010-1000 8221-010-U1000 8233-010-1000 88281-010-500 1322R-010-1000 177799-000 1807A-B59-U1000 9167-010-1000 9251-010-1000 9275-010-U1000 935240-000 9659-010-1000 980704-001 CF2823-000 33312-010-500 CZ1589-000 5022W0809-0CS3263 10610-4-4 EF8108-000 1673B TIN100 672525-001 144517-000 8-1616396-1 8263-010-U1000 8263 010U500 8268-010-500 8262 010U1000 7915A 009U1000 5024A1311-0 TRC-75-1 1281S5 010250 1281S5 000250 1530A 010U1000 1505A 0081000 9248 010U1000 CO-142BNCX200-001 7809WB 010500 9244 0101000 1694A 0081000 9204 0101000 8241F J5C1000 1530A 0101000 1674A TIN50 7915A 0091000 7915A 010500 TWCH-78-2 TWC-78-1