

Part Number: 8259

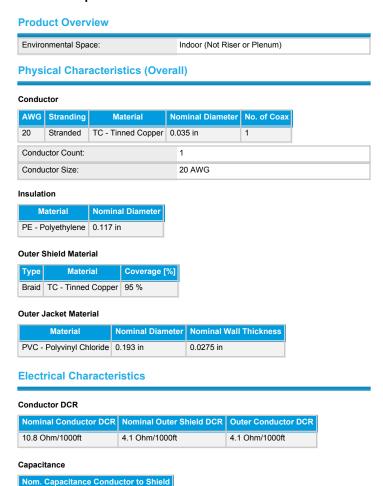
50 Ohm, RG58 Type, 20 AWG Stranded TC, TC Braid, PVC Jacket



Product Description

50 Ohm, RG-58A/U type, 20 AWG stranded (19x33) .035" tinned copper conductor, polyethylene insulation, tinned copper braid shield (95% coverage), PVC jacket.

Technical Specifications



30.8 pF/ft

Nominal Inductance

Impedance

Nominal Characteristic Impedance
50 Ohm

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.4 dB/100ft
10 MHz	1.5 dB/100ft
50 MHz	3.7 dB/100ft
100 MHz	5.4 dB/100ft
200 MHz	8.1 dB/100ft
400 MHz	12.4 dB/100ft
700 MHz	17.7 dB/100ft
900 MHz	21.1 dB/100ft
1000 MHz	22.8 dB/100ft

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.54 ns/ft	66 %

Voltage

Non-UL Voltage Rating 1400 V RMS

Temperature Range

Non-UL Temp Rating:	75°C
Operating Temp Range:	-30°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	25 lbs/1000ft
Max Recommended Pulling Tension:	39 lbs
Min Bend Radius/Minor Axis:	2 in

Standards

CPR Euroclass:	Eca
RG Type:	58A/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:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
EU RoHS Compliance Date (yyyy-mm-dd): CA Prop 65 (CJ for Wire & Cable):	2004-01-01 Yes

Suitability

Suitability - Aerial:	Yes - Black only, when supported by messenger wire
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes - Black only

Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2	
-----------------------	---------------	--

Plenum/Non-Plenum

Plenum (Y/N):	No
Fierium (17/N).	INU

Part Number

variants

Item #	Color	UPC	Length	Footnote
8259 010100	Black	612825197379	100 ft	
8259 0101000	Black	612825197386	1,000 ft	С
8259 010500	Black	612825197393	500 ft	С
8259 0105000	Black	612825197348	5,000 ft	С
8259 010U1000	Black	612825197355	1,000 ft	
8259 010U500	Black	612825357636	500 ft	

Footnote:

C - CRATE REEL PUT-UP.

History

Update and Revision:

Revision Number: 0.276 Revision Date: 07-11-2019

© 2019 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.