



**Product:** <u>9222</u> ☑

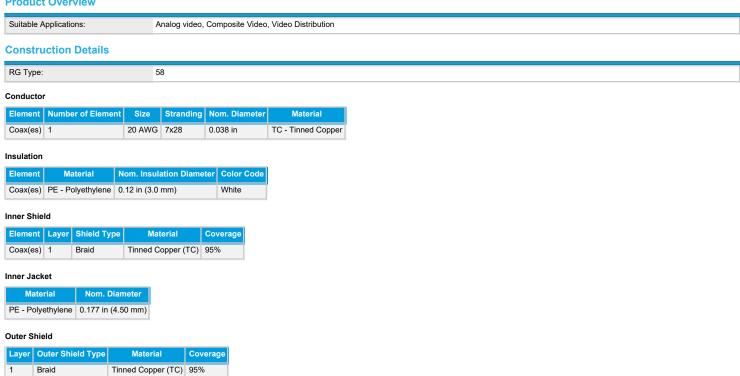
50Ω Triax RG-58A/U Type, #20, PO, TC Braids, PVC Jkt

# **Product Description**

50 Ohm Triax RG-58A/U Type, 20 AWG stranded (7x28) .037" tinned copper conductor, polyethylene insulation, double tinned copper braid shields (95% coverage), PVC jacket.

# **Technical Specifications**

### **Product Overview**



# **Outer Jacket**

Material	Nom. Diameter		
PVC - Polyvinyl Chloride	0.241 in (6.12 mm)		

### **Electrical Characteristics**

### Attenuation

Frequency	Nom. Attenuation
1 MHz	0.5 dB/100ft
10 MHz	1.5 dB/100ft
50 MHz	3.3 dB/100ft
100 MHz	4.9 dB/100ft
200 MHz	7.2 dB/100ft
400 MHz	12 dB/100ft
500 MHz	14 dB/100ft

700 MHz	18 dB/100ft
900 MHz	22 dB/100ft
1000 MHz	24 dB/100ft

### Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.	Max. Delay Skew
9.5 Ohm/1000ft	4.7 Ohm/1000ft (15 Ohm/km)	4.3 Ohm/1000ft (14 Ohm/km)	30.8 pF/ft (101 pF/m)	50 Ohm	66%	66 ns/100m

#### Voltage

Voltage Rating 1400 V RMS

### **Mechanical Characteristics**

#### Temperature

UL Temperature	Operating
75°C	-40°C To +75°C

#### **Bend Radius**

Stationary Min.	Installation Min.		
2.41 in (61.2 mm)	2.41 in (61.2 mm)		

Max. Pull Tension:	92 lbs (42 kg)	
Bulk Cable Weight:	39 lbs/1000ft	

### **Standards and Compliance**

Environmental Suitability: Indoor, Indoor	
CPR Compliance:	CPR Euroclass: Fca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

# **History**

Update and Revision:	Revision Number: 0.477 Revision Date: 05-25-2023

# **Part Numbers**

# Variants

Item #	Color	Putup Type	Length	UPC
9222 004100	Yellow	Reel	100 ft	612825225430
9222 004500	Yellow	Reel	500 ft	612825225447
9222 004U500	Yellow	UnReel	500 ft	612825225423

# © 2023 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.