



**Product:** <u>9222</u> ☑

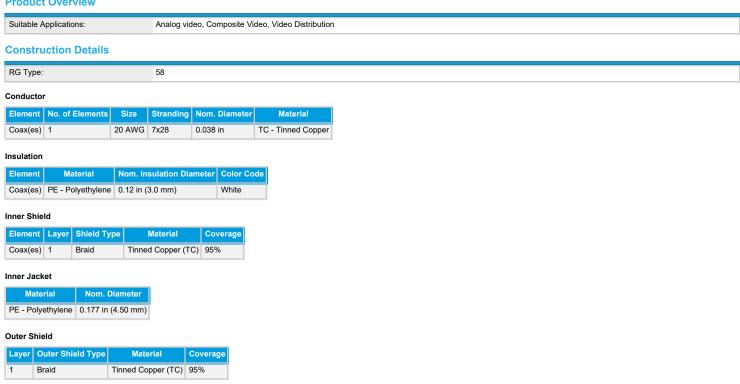
50Ω Triax RG-58A/U Type, #20, PO, TC Braids, PVC Jkt

## **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**



# PVC - Polyvinyl Chloride 0.241 in (6.12 mm)

Nom. Diameter

Material

**Outer Jacket** 

## **Electrical Characteristics**

#### Attenuation Frequency Nom. Attenuation 1 MHz 0.5 dB/100ft 10 MHz 1.5 dB/100ft 50 MHz 3.3 dB/100ft 4.9 dB/100ft 100 MHz 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	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: 0.478 Revision Date: 04-29-2024
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## **Part Numbers**

## Variants

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

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