



Product: <u>9222</u> ☑

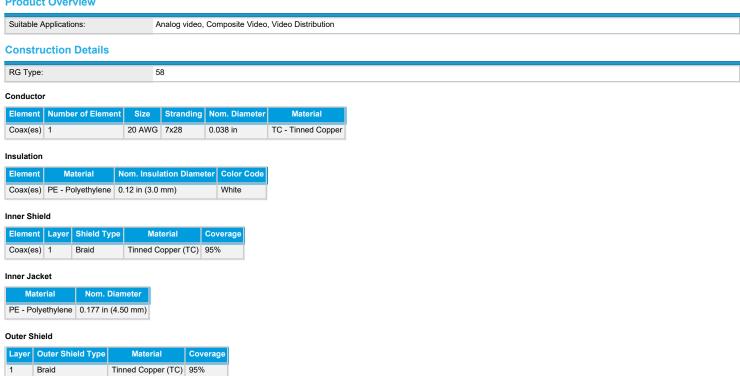
50Ω Triax RG-58A/U Type, #20, PO, TC Braids, PVC Jkt

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

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