



**Product:** <u>9888</u> ☑

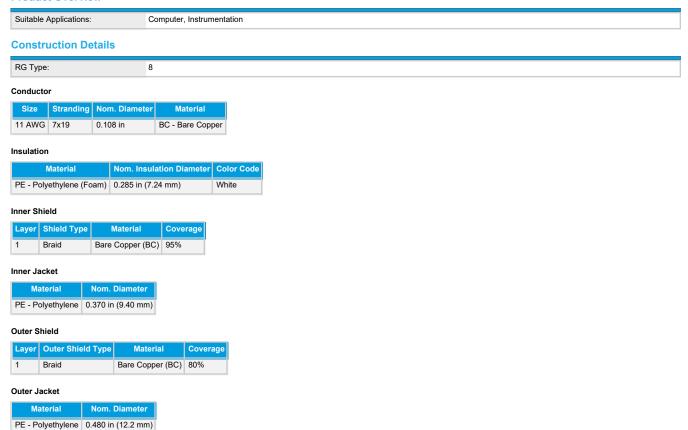
 $50\Omega$  RG-8/U Type, #11 Str BC, FPE Ins, BC Braid, PE inner Jkt, BC Brd, PE Jkt

# **Product Description**

Triax 50Ω RG-8/U Type, 11 AWG (7x19) bare copper conductor, foam polyethylene insulation, bare copper braid shield (95%), PE Insulation, Bare Copper Braid (80%), polyethylene jacket

## **Technical Specifications**

## **Product Overview**



# **Electrical Characteristics**

Overall Cable Diameter (Nominal): 0.480 in (12.2 mm)

## Attenuation

Frequency	Nom. Attenuation
1 MHz	0.10 dB/100ft
10 MHz	0.50 dB/100ft
50 MHz	1.20 dB/100ft
100 MHz	1.80 dB/100ft
200 MHz	2.70 dB/100ft
400 MHz	4.20 dB/100ft

700 MHz	5.80 dB/100ft		
900 MHz	6.70 dB/100ft		
1000 MHz	7.10 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.
1.2 Ohm/1000ft	1.2 Ohm/1000ft (3.9 Ohm/km)	2.1 Ohm/1000ft (6.9 Ohm/km)	26.0 pF/ft (85.3 pF/m)	50 Ohm	78%

#### Voltage

Voltage Rating
600 V (Center conductor to inner shield), 300 V (Between shield)

## **Mechanical Characteristics**

#### Temperature



#### **Bend Radius**



Max. Pull Tension:	326 lbs (148 kg)
Bulk Cable Weight:	130 lbs/1000ft

## **Standards and Compliance**

Environmental Suitability:	Outdoor - Aerial, Outdoor, Aerial - When supported by messenger wire
Sustainability:	CA Prop 65
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.486 Revision Date: 05-25-2023

## **Part Numbers**

## Variants

Item #	Color	Putup Type	Length	UPC
9888 010500	Black	Reel	500 ft	612825260035
9888 0101000	Black	Reel	1,000 ft	612825260028

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