



**Product:** <u>7700A</u> ☑

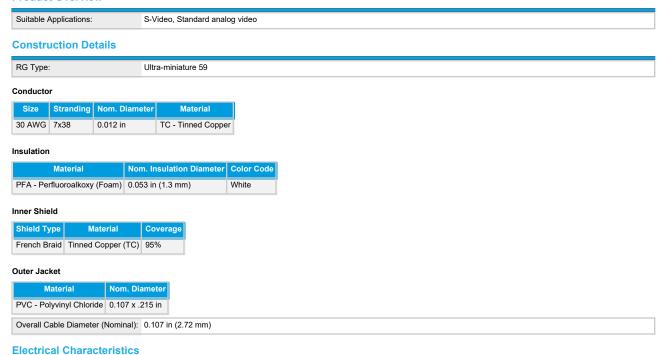
75 Ohm Analog Video Coax, Dual Ultra-miniature RG-59, 30 AWG Str TC, 95% TC French Braids, Flamarrest® Jkt, CMP, Flexible

## **Product Description**

75 Ohm Analog Video Coax, Dual Ultra-miniature RG-59, 30 AWG (7x38) Tinned Copper Conductors , FEP Insulation, 95% Tinned Copper French Braid Inner Shields, Flamarrest® Jacket, CMP, Flexible

## **Technical Specifications**

## **Product Overview**



# Attenuation

Frequency	Nom. Attenuation			
1 MHz	0.7 dB/100ft			
5 MHz	1.7 dB/100ft			
10 MHz	2.3 dB/100ft			
30 MHz	4.1 dB/100ft			
50 MHz	5.3 dB/100ft			
100 MHz	7.6 dB/100ft			
200 MHz	11.8 dB/100ft			
400 MHz	17.6 dB/100ft			
700 MHz	24.2 dB/100ft			
900 MHz	28.0 dB/100ft			
1000 MHz	29.8 dB/100ft			

## Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
92.6 Ohm/1000ft	7.5 Ohm/1000ft (25 Ohm/km)	17.3 pF/ft (56.8 pF/m)	75 Ohm	78%

## Voltage

UL Voltage Rating	Voltage Rating		
300 V (CMP)	300 V		

### **Mechanical Characteristics**

#### Temperature

UL Temperature	Operating		
60°C	-20°C to +60°C		

#### **Bend Radius**

# Installation Min. 2.2 in (56 mm)

Max. Pull Tension:	12 lbs (5.4 kg)
Bulk Cable Weight:	20 lbs/1000ft

## **Standards and Compliance**

Environmental Suitability:	Indoor/Outdoor, Indoor, Aerial - Black only, When supported by messenger wire
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	NFPA 262
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	CMP
CEC / C(UL) Compliance:	CMP
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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	1807A

### History

Update and Revision:	Revision Number: 0.437 Revision Date: 04-29-2024

## **Part Numbers**

## Variants

Item #	Color	Putup Type	Length	UPC	Footnote
7700A B59500	Black, Matte	Reel	500 ft	612825415879	
7700A B591000	Black, Matte	Reel	1,000 ft	612825188223	С

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