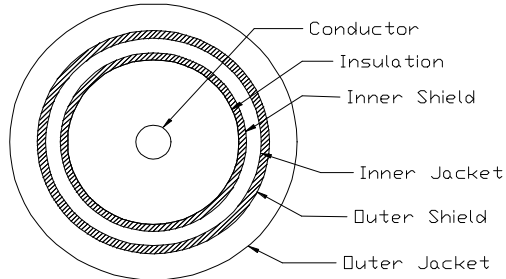




**A2D Solutions, Inc.**  
20200 NW 2<sup>nd</sup> Avenue, Suite 403  
Miami Gardens, Florida 33169  
Tel: (866) 223-7253 / Fax: (305) 891-2988

**Specification P/N: 380 Triax Video**



Product Specification for a Standard 3/8" Triaxial Video Cable - RoHS Compliance -

Description: 20 AWG Solid Bare Copper, Foam Polyethylene Insulation, 95% Inner Braid Copper Shield, Inner PVC Jacket; 95% Outer Braid Copper Shield, and Flexible TPR Jacket

**A. Construction:**

- 1.0 Conductor: 20 AWG Solid Bare Copper; OD: .032 Nom. (0.82mm)
- 2.0 Insulation: Foam Polyethylene; OD: .146" Nom. (3.71mm)
- 3.0 Inner Shield: 34 AWG Bare Copper Braid; 95% Nom. Coverage
- 4.0 Inner Jacket: .025" Wall PVC (k: 3.5 Max) ; OD: .222" Nom (5.64mm)
- 5.0 Outer Shield: 34 AWG Bare Copper Braid; 95% Nom. Coverage.
- 6.0 Jacket: .054" Wall; Flexible TPR; Color: Black (available in all colors)  
OD: .360" Nom. (9.15mm)
- 7.0 Marking Surface printed: (TBD)

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MADE IN USA

**B. Electrical and Mechanical Characteristics:**

- 1.0 Impedance: 75 Ohm Nom
- 2.0 Capacitance: 17.0 pF/ft Nom. (55.8 pf/mtr)
- 3.0 Velocity of Propagation: 78 % Nom
- 4.0 Conductor DCR: 10.33 Ohm/Kft Nom. (33.88 Ohm/Km)
- 5.0 Inner Shield DCR: 2.60 Ohm /Kft Nom. (8.53 Ohm/Km)



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6.0	Outer Shield DCR:	2.21 Ohm /Kft Nom. (7.22 Ohm/Km)		
7.0	(IR) Inner Shield to Outer Shield:	10 Mega-Ohms per 1,000FT min.		
8.0	Attenuation (Nom):	(MHz)	dB/100 ft.	dB/100m
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		1.0	0.29	0.96
		10.0	0.93	3.05
		50.0	1.73	5.68
		100.0	2.45	8.04
		200.0	3.46	11.36
		400.0	4.90	16.07
		700.0	6.99	22.91
		900.0	7.92	25.98
		1000.0	8.35	27.39

9.0 Temp. & Voltage Ratings: -40°C to +80°C / 300 Volts Max.

- C. Cable Weight:** 80.0 Lbs/Kft Nom (119.0 Kg/Km)
- D. Compliance:** Lead Free, RoHS Compliance