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# Precision Video Cable

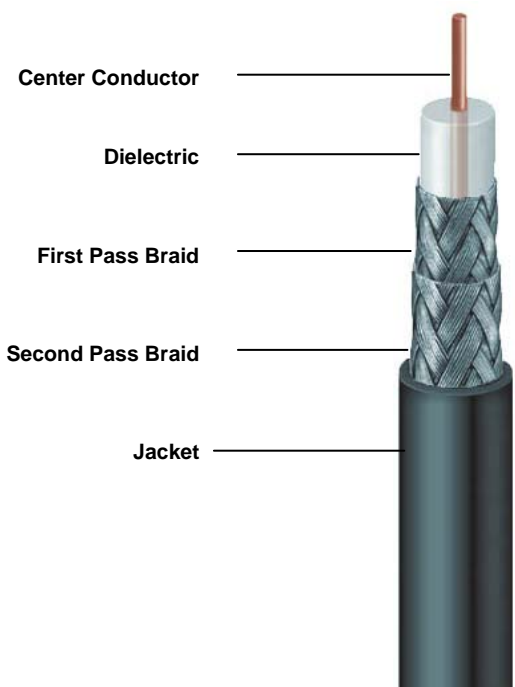
## 75 Ohm Coaxial Cable

### Catalog # 7501

### NEC/CEC: NONE

**CONSTRUCTION:**

- CENTER CONDUCTOR:**  
20 AWG Solid Copper
- DIELECTRIC:**  
Solid Polyethylene (PE)  
Dia. Over Dielectric: 0.198" Nom.
- INNER SHIELD:**  
Braid: 34 AWG Tinned Copper  
98% Coverage  
Nom. Dia. 0.230"
- OUTER SHIELD:**  
Braid: 34 AWG Tinned Copper  
95% Coverage  
Nom. Dia. 0.260"
- JACKET:**  
Low Density Polyethylene (LD-PE)  
Dia. Over Jacket: 0.304" +/- 0.005"  
Nom. Jkt. Thickness: 0.025"  
Min. Spot: 0.020"



**ELECTRICAL PROPERTIES:**

- SPARKER TEST: 4000 VAC
- DIELECTRIC STRENGTH: Conductor to Shield – 3 Sec. @ 2000 VDC
- CAPACITANCE: 21.0 pF./Ft. Nom.
- IMPEDANCE: 75.0 +/- 2.0 Ohms
- VELOCITY OF PROPAGATION: 66.0% Nom.
- DCR: Conductor: 11.0 Ohms/1000 FT. Nom.
- SRL: 30dB (15 thru 95 MHz) 100% Swept Tested

**MECHANICAL PROPERTIES:**

- Cable Weight/kft: 70 lbs
- MINIMUM BEND RADIUS:**  
Loaded: 20 Times Cable OD  
Unloaded: 10 Times Cable OD
- CABLE TEMP. RATING:**  
Temp: 60°C

**ATTENUATION:**

dB/100 Ft. (Nom.)	@ Frequency MHz
.28 dB	1 MHz
.78 dB	10 MHz
1.91 dB	50 MHz
2.70 dB	100 MHz
3.82 dB	200 MHz
5.40 dB	400 MHz
7.14 dB	700 MHz
8.10 dB	900 MHz
8.54 dB	1000 MHz

