

# HDTV Cables

## 75 Ohm Coaxial Cable

### Catalog # 2279V

### NEC/CEC: CMP (ETL) C(ETL)

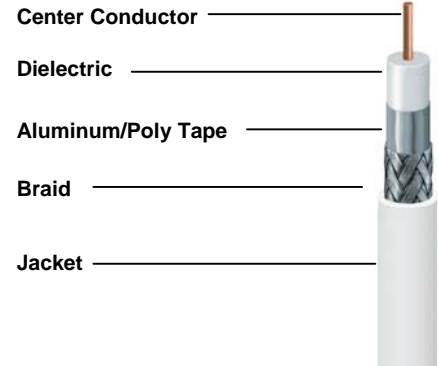
**CONSTRUCTION:**

**CENTER CONDUCTOR:**  
 18 AWG Solid Copper

**DIELECTRIC:**  
 Foamed Fluorinated Ethylene Propylene (FFEP)  
 Dia. Over Dielectric: 0.170" +/- 0.004" Nom.

**SHIELD:**  
 Foil: Aluminum/Poly Tape  
 Braid: 34 AWG Tinned Copper  
 95% Coverage  
 Nom. Dia. 0.205"

**JACKET:**  
 Plenum Polyvinylchloride (PL-PVC)  
 Dia. Over Jacket: 0.237" +/- 0.004"  
 Max. Avg. Jkt. Thickness: 0.016"  
 Min. Spot: 0.013"



**ELECTRICAL PROPERTIES:**

**SPARKER TEST:** 4000 VAC  
**DIELECTRIC STRENGTH:** Conductor to Shield – 3 Sec. @ 2500 VDC  
**CAPACITANCE:** 16.0 pF/ft.  
**IMPEDANCE:** 76.0 +/- 2 Ohms  
**VELOCITY OF PROPAGATION:** 84.0% Nom.  
**DCR:** 6.5 Ohms/1000 ft.  
**SRL:** 23 dB (1 - 450 MHz) 100% Swept Tested  
 18 dB (450 - 850 MHz) 100% Swept Tested  
 15 dB (850 – 3000 MHz) 100% Swept Tested

**ATTENUATION:**

dB/100 Ft. (Nom.)	@ Frequency MHz
.26 dB	1 MHz
.47 dB	3.6 MHz
.70 dB	10 MHz
1.65 dB	71.5 MHz
2.39 dB	135 MHz
3.40 dB	270 MHz
4.08 dB	360 MHz
6.05 dB	720 MHz
7.45 dB	1000 MHz
7.77 dB	1200 MHz
8.61 dB	1450 MHz
9.73 dB	1800 MHz
11.70 dB	2500 MHz
13.07 dB	3000 MHz

**MECHANICAL PROPERTIES:**

**MINIMUM BEND TEST:**  
 Loaded: 20 Times Cable OD  
 Unloaded: 10 Times Cable OD

**JACKET TEMP. RATING:**  
 Temp: 60°C