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# HDTV Cables

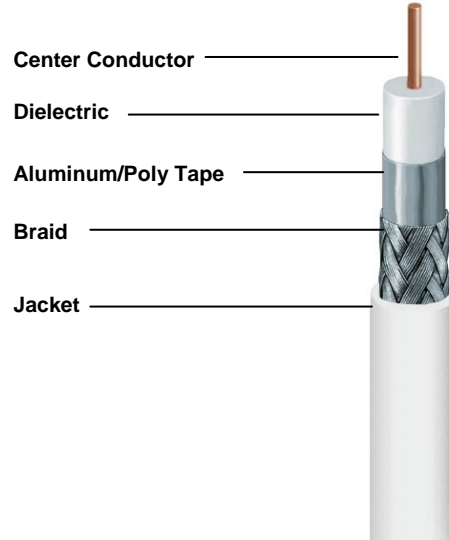
## 75 Ohm Coaxial Cable

### Catalog # 2065V & 2065K

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

#### CONSTRUCTION:

- CENTER CONDUCTOR:**  
20 AWG Solid Copper (.0320" +/- .0003")
- DIELECTRIC:**  
Foamed Fluorinated Ethylene Propylene (FFEP)  
Dia. Over Dielectric: 0.135" +/- 0.004" Nom.
- SHIELD:**  
Foil: Aluminum/Poly Tape  
Braid: 34 AWG 7 End Tin/Copper  
96% Coverage  
Nom. Dia. 0.170"
- JACKET:**  
Flame Retardant Polyvinylchloride (PVC) (2065V)  
Kynar (2065K)  
Dia. Over Jacket: 0.207" +/- 0.002"  
Min. Avg. Jkt. Thickness: 0.016"  
Min. Spot: 0.012"



#### ELECTRICAL PROPERTIES:

- SPARKER TEST: 2500 VAC
- DIELECTRIC STRENGTH: Conductor to Shield: 3 Sec. @ 2500 VDC
- CAPACITANCE: 16.1 pF/Ft Nom
- IMPEDANCE: 75.0 +/- 3.0 Ohms
- VELOCITY OF PROPAGATION: 84.0% Nom.
- DCR: Conductor: 10.34 Ohms/1000 Ft. Nom.  
Shield: 2.7 Ohms/1000 Ft. Nom.
- SRL: 23dB (5 thru 450 MHz) 100% Swept Tested  
15dB (450 thru 2400 MHz) 100% Swept Tested

#### MECHANICAL PROPERTIES:

- Cable Weight/kft: K = 32 lbs  
V = 32 lbs
- MINIMUM BEND RADIUS:  
Loaded: 20 Times Cable OD  
Unloaded: 10 Times Cable OD
- CABLE TEMPERATURE RATING:  
Temp: K = 125°C  
Temp: V = 60°C

#### ATTENUATION:

dB/100 Ft. (Nom.)	@ Frequency MHz
.30 dB	1 MHz
.54 dB	3.6 MHz
0.88 dB	10 MHz
2.16 dB	71.5 MHz
2.90 dB	135 MHz
4.16 dB	270 MHz
4.98 dB	360 MHz
7.61 dB	720 MHz
9.31 dB	1000 MHz
10.37 dB	1200 MHz
11.70 dB	1450 MHz
13.27 dB	1800 MHz
16.18 dB	2500 MHz
18.24 dB	3000 MHz



Drawings not to Scale  
Specifications subject to change  
Revision: 04/24/08