

Precision Video Cable

75 Ohm Coaxial Cable

Catalog # 7530

NEC/CEC: CM (UL) C(UL)

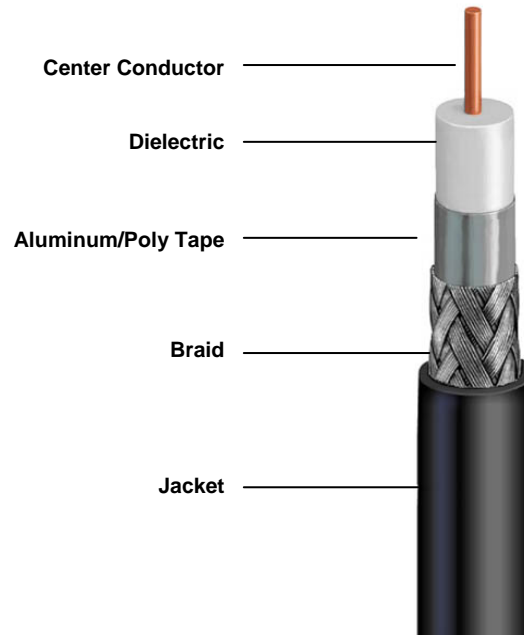
CONSTRUCTION:

CENTER CONDUCTOR:
16 AWG Solid Copper (.051" +/- .0005")

DIELECTRIC:
Foamed PE
Dia. Over Dielectric: 0.225" +/- 0.004 Nom.

SHIELD:
Foil: Aluminum/Poly Tape
Braid: 34 AWG Tinned Copper
95% Coverage
Nom. Dia.: 0.260"

JACKET:
Flame Retardant Polyvinylchloride (FR-PVC)
Dia. Over Jacket: 0.318" +/- 0.008"
Nom. Jkt. Thickness: 0.030"
Min. Spot: 0.024"



ELECTRICAL PROPERTIES:

SPARKER TEST: 4000 VAC

DIELECTRIC STRENGTH: Conductor to Shield – 3 Sec. @ 2500 VDC

CAPACITANCE: 16.2 pF./Ft. Nom.

IMPEDANCE: 75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION: 84.0% Nom.

DCR: Conductor: 4.1 Ohms/1000 FT. Nom.

SRL: 23dB (5 thru 450 MHz) 100% Swept Tested
20dB (450 thru 1500 MHz) 100% Swept Tested
15dB (1500 thru 2400 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

Cable Weight/kft: 56 lbs

MINIMUM BEND RADIUS:
Loaded: 20 Times Cable OD
Unloaded: 10 Times Cable OD

CABLE TEMP. RATING:
Temp: 75°C

ATTENUATION:

dB/100 Ft. (Nom.)	@ Frequency MHz
.18 dB	1 MHz
.36 dB	3.6 MHz
.57 dB	10 MHz
1.35 dB	71.5 MHz
1.78 dB	135 MHz
2.48 dB	270 MHz
2.87 dB	360 MHz
4.19 dB	720 MHz
4.96 dB	1000 MHz
6.11 dB	1480 MHz
7.21 dB	2000 MHz
7.98 dB	2400 MHz