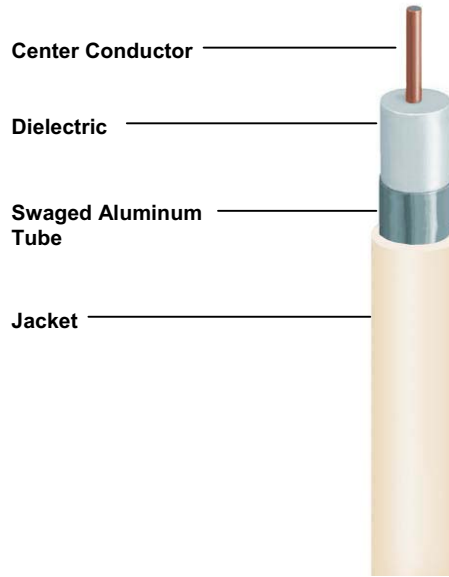


**.500" Plenum Trunk
 75 Ohm Coaxial Cable
 Catalog # 2312K
 Plenum: CMP (ETL) C(ETL)**

CONSTRUCTION:

- CENTER CONDUCTOR:**
 0.109" Copper-Clad Aluminum
- DIELECTRIC:**
 Foamed Fluorinated Ethylene Propylene (FFEP)
 Dia. Over Dielectric: 0.450" Nom.
- SHIELD:**
 Swaged Aluminum Tube
 100% Coverage
 Nom. Dia. 0.500"
- JACKET:**
 Kynar Flex
 Dia. Over Jacket: 0.524" +/- 0.010"
 Nom. Jacket Thickness: 0.012"
 Min. Spot: 0.008"



ELECTRICAL PROPERTIES:

- SPARKER TEST:** 1000 VAC
DIELECTRIC STRENGTH: Conductor to Shield: 6500 VDC
CAPACITANCE: 16.0 pF/ft.
IMPEDANCE: 75.0 +/- 3.0 Ohms
VELOCITY OF PROPAGATION: 86.0% Nom.
DCR: Conductor: 1.32 Ohms/1000 ft. Nom.
SRL: 24 dB (5 to 450 MHz) 100% Swept Tested
 20 dB (450 – 1000 MHz)

ATTENUATION:

dB/100 Ft. (Nom.)	@ Frequency MHz
0.07 dB	1 MHz
0.23 dB	3.6 MHz
0.56 dB	10 MHz
0.83 dB	71.5 MHz
1.25 dB	135 MHz
1.97 dB	270 MHz
2.92 dB	360 MHz
3.47 dB	720 MHz
3.78 dB	1000 MHz

MECHANICAL PROPERTIES:

- MINIMUM BEND TEST:**
 Loaded: 20 Times Cable OD
 Unloaded: 10 Times Cable OD
- JACKET TEMP. RATING:**
 Temp: 125°C

