

RG-59

75 Ohm Coaxial Cable

Catalog #2022K and 2022V

Plenum: CMP(ETL)C(ETL)

CABLE CONSTRUCTION:

CENTER CONDUCTOR:

20 AWG Copper/Steel
Nom. Diameter: 0.032"

DIELECTRIC:

Foam FEP
Diameter over Dielectric: 0.135" Nom.

INNER BRAID:

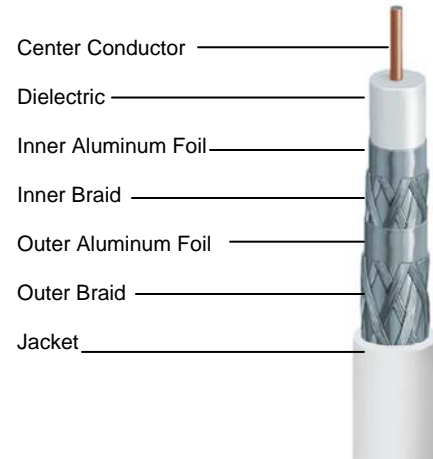
Foil: Aluminum Tape
Braid: 34 AWG Aluminum
65% Coverage
Nom. Diameter 0.170"

OUTER BRAID:

Foil: Aluminum Tape
Braid: 34 AWG Aluminum
45% Coverage
Nom. Diameter 0.203"

JACKET:

Kynar Flex or Plenum-PVC
Diameter over Jacket: 0.235" +/- 0.004"
Nominal Jacket Thickness: 0.015"
Minimum Spot: 0.012"



ELECTRICAL PROPERTIES:

SPARKER TEST:	2500 VAC
DIELECTRIC STRENGTH:	Conductor to Shield: 2500 VDC
CAPACITANCE:	16.0 pF./Ft Nom
IMPEDANCE:	75.0 +/- 3.0 Ohms
VELOCITY OF PROPAGATION:	84.0%
DCR: Conductor:	48.2 Ohms/1000 Ft. Nom.
Shield:	6.3 Ohms/1000 Ft. Nom.
SRL:	20dB (10 thru 300 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

Cable Weight/kft: K = 23 lbs
V = 22 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
0.48 dB	1 MHz
0.88 dB	10 MHz
1.85 dB	50 MHz
2.51 dB	100 MHz
3.58 dB	200 MHz
5.50 dB	400 MHz
7.45 dB	700 MHz
8.70 dB	900 MHz
9.31 dB	1000 MHz