

RG59/U CATV

75 Ohm Coaxial Cable

Part # VP5900

Plenum: CMP(ETL)C(ETL)

CABLE CONSTRUCTION:
CENTER CONDUCTOR:

 20 AWG Solid Copper
 Nom. Dia: 0.032"

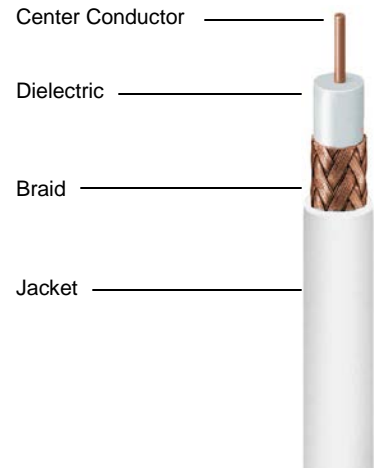
DIELECTRIC:

 Foam FEP
 Dia. over Dielectric: 0.135" Nom.

SHIELD:

 Braid: 36 AWG Copper
 93% Coverage
 Nom. Dia. 0.161"

JACKET:

 Plenum PVC
 Dia. over Jacket: 0.193" +/- 0.006"
 Nominal Jacket Thickness: 0.016"
 Minimum Spot: 0.011"

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:	10.5 Ohms/1000 Ft. Nom.
Shield:	2.7 Ohms/1000 Ft. Nom.
SRL:	20dB (10 thru 300 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

Cable Weight/kft: 26 lbs

MINIMUM BEND RADIUS:

Loaded: 20 Times Cable OD

Unloaded: 10 Times Cable OD

CABLE TEMPERATURE RATING:

Temp: 60°C

ATTENUATION:

dB/100 FT. (NOM.)	@ FREQUENCY MHz
0.30 dB	1 MHz
0.86 dB	10 MHz
1.91 dB	50 MHz
2.78 dB	100 MHz
4.06 dB	200 MHz
6.01 dB	400 MHz
8.47 dB	700 MHz
9.82 dB	900 MHz
10.47 dB	1000 MHz