

RG59 TYPE

75 Ohm Coaxial Cable

Catalog #5553 CCA

Non-Plenum: CM(UL) C(UL) CMH

CABLE CONSTRUCTION:

CENTER CONDUCTOR:

20 AWG Bare Copper

DIELECTRIC:

Foam Polyethylene

Dia. over Dielectric: 0.144" Nom.

SHIELD:

Braid: 34 AWG Copper Covered Aluminum

95% Coverage

Nom. Dia. 0.175"

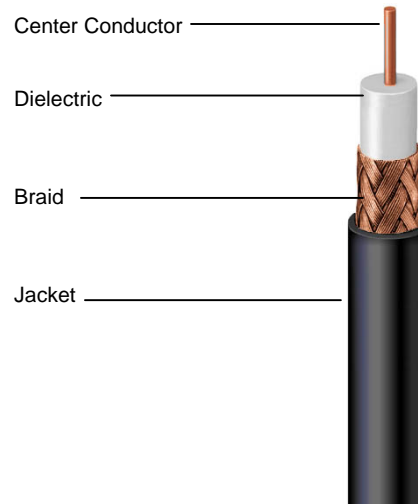
JACKET:

FR PVC

Dia. over Jacket: 0.242" +/- 0.008"

Nominal Jacket Thickness: 0.034"

Minimum Spot: 0.030"



ELECTRICAL PROPERTIES:

SPARKER TEST:

4000 VAC

DIELECTRIC STRENGTH:

Conductor to Shield: 2000 VDC

CAPACITANCE:

16.7 pF./FT. Nom.

IMPEDANCE:

75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION:

82.0% Nom.

DCR: Conductor:

10.5 Ohms/1000 FT.

Shield:

4.1 Ohms/1000 FT.

SRL:

20dB (10 thru 300 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

MINIMUM BEND RADIUS:

Loaded: 20 Times Cable OD

Unloaded: 10 Times Cable OD

CABLE TEMP. RATING:

Temp: 60°C

ATTENUATION:

dB/100 FT. (NOM.)	@ FREQUENCY MHz
0.30 dB	1 MHz
0.84 dB	10 MHz
1.88 dB	50 MHz
2.71 dB	100 MHz
3.94 dB	200 MHz
5.85 dB	400 MHz
8.42 dB	700 MHz
9.83 dB	900 MHz
10.20 dB	1000 MHz