

RG-58 TYPE

50 Ohm Coaxial Cable

Catalog #3130

Non-Plenum: CL2(UL)

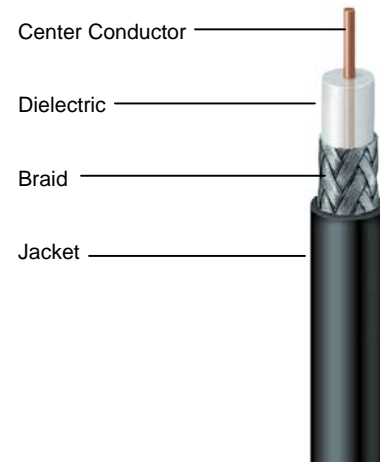
CABLE CONSTRUCTION:

CENTER CONDUCTOR:
20 AWG Solid Copper

DIELECTRIC:
Solid Polyethylene
Dia. over Dielectric: 0.116" Nom.

SHIELD:
Braid: 36 AWG Tin/Copper
95% Coverage
Nom. Dia. 0.140"

JACKET:
FR PVC
Dia. over Jacket: 0.200"
Nominal Jacket Thickness: 0.030"
Minimum Spot: 0.024"



ELECTRICAL PROPERTIES:

SPARKER TEST: 2000 VAC

DIELECTRIC STRENGTH: Conductor to Shield: 1500 VDC

CAPACITANCE: 28.5 pF./FT. Nom.

IMPEDANCE: 53.0 Ohms

VELOCITY OF PROPAGATION: 66.0% Nom.

DCR: Conductor: 10.55 Ohms/1000 Ft.
Shield: 4.1 Ohms/1000 Ft.

SRL: 15dB (10 thru 300 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

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

ATTENUATION:

dB/100 FT. (NOM.)	@ FREQUENCY MHz
0.44 dB	1 MHz
1.42 dB	10 MHz
3.10 dB	50 MHz
4.50 dB	100 MHz
6.80 dB	200 MHz
10.0 dB	400 MHz
14.0 dB	700 MHz
16.0 dB	900 MHz
17.0 dB	1000 MHz