

RG6 CATV 75 Ohm Coaxial Cable AND 2-18 AWG Catalog #5654 FR-PVC: CM(ETL)C(ETL)CMG

CABLE CONSTRUCTION:

CENTER CONDUCTOR:

18 AWG Solid Copper (coax)
 18 AWG (7 x 0.152)BC (TP)

DIELECTRIC:

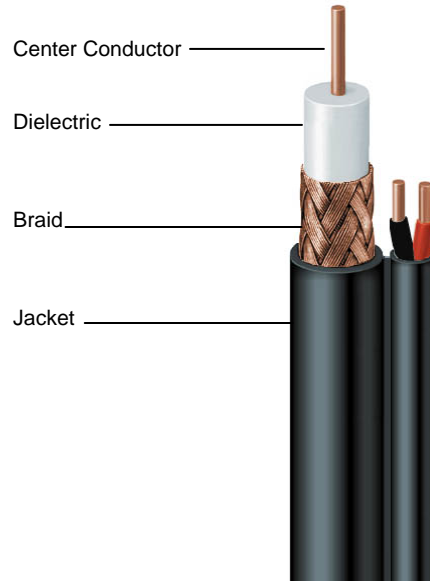
(coax) Foam Polyethylene
 Dia. over Dielectric: 0.180" Nom.
 (18 awg) Solid PE
 Dia. over Insulation: 0.061" Nom.

SHIELD:

Braid: 36 AWG Bare Copper
 92% Coverage
 Nom. Dia. 0.206"

JACKET:

FR PVC
 Dia. over Jacket: 0.272" +/- 0.007" (coax)
 Dia. over Jacket: 0.188" nom. (2-18 awg)
 Nominal Jacket Thickness: 0.033"
 Minimum Spot: 0.024"



ELECTRICAL PROPERTIES:

SPARKER TEST: 4000 VAC
DIELECTRIC STRENGTH: Conductor to Shield: 2500 VDC
CAPACITANCE: 16.2 pF./FT. Nom.
IMPEDANCE: 75.0 +/- 3.0 Ohms
VELOCITY OF PROPAGATION: 82.0% Nom.
DCR: (coax) 6.4 Ohms/1000 Ft. Nom.
 (2-18) 6.8 Ohms/1000 Ft.
SRL: 20dB (10 thru 300 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

Cable Weight/kft: 59 lbs
MINIMUM BEND RADIUS:
 Loaded: 20 Times Cable OD
 Unloaded: 10 Times Cable OD
CABLE TEMPERATURE RATING:
 Temp: 75°C

ATTENUATION:

dB/100 Ft. (Nom.)	@ FREQUENCY MHz
0.19 dB	1 MHz
0.65 dB	10 MHz
1.50 dB	50 MHz
2.16 dB	100 MHz
3.13 dB	200 MHz
4.55 dB	400 MHz
6.23 dB	700 MHz
7.23 dB	900 MHz
7.75 dB	1000 MHz