

RG-6/2-18 AWG

Catalog # VP6CU18

Plenum: CMP(ETL)C(ETL)

CABLE CONSTRUCTION:

COAX

CENTER CONDUCTOR:
 18 AWG Solid Copper

DIELECTRIC:
 Foam FEP
 Diameter over Dielectric: 0.170" Nom.

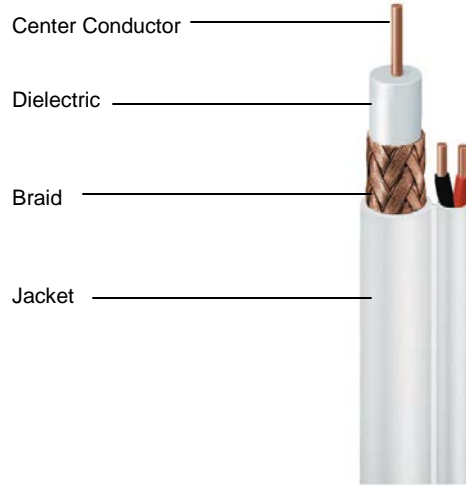
SHIELD:
 Braid: 36 AWG Copper
 92% Coverage
 Nom. Diameter 0.188"

2-18

CENTER CONDUCTOR:
 2-18 AWG Stranded Copper (7x.0152)

DIELECTRIC:
 Solid FEP
 Diameter over Dielectric: 0.060" Nom.

JACKET:
 Plenum PVC
 Diameter over Jacket (Coax): 0.226" +/- 0.006"
 Nominal Jacket Thickness: 0.018"
 Minimum Spot: 0.012"
 Diameter over Jacket (2-18): 0.150" Nom.



ELECTRICAL PROPERTIES:

SPARKER TEST: 2500 VAC
DIELECTRIC STRENGTH: Conductor to Shield: 2000 VDC [Wire to Wire: 1000 VDC]
 16.0 pF./Ft Nom
CAPACITANCE: 75.0 +/- 3.0 Ohms
IMPEDANCE: 84.0% Nom.
VELOCITY OF PROPAGATION: 84.0% Nom.
DCR: Conductor: 6.4 Ohms/1000 Ft. Nom. Coax
 6.6 Ohms/1000 Ft. Nom. 18 AWG
SRL: 20dB (10 thru 300 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

Cable Weight/kft: 52 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 |
|-------------------|-----------------|
| 0.21 dB | 1 MHz |
| 0.65 dB | 10 MHz |
| 2.04 dB | 100 MHz |
| 4.46 dB | 400 MHz |
| 5.89 dB | 700 MHz |
| 7.47 dB | 900 MHz |
| 8.02 dB | 1000 MHz |

