

TYPE III V-SAT

50 Ohm Coaxial Cable

Catalog #3227

Non-Plenum:

CABLE CONSTRUCTION:

CENTER CONDUCTOR:

10 AWG Solid Copper
 Nom. Dia: 0.106"

DIELECTRIC:

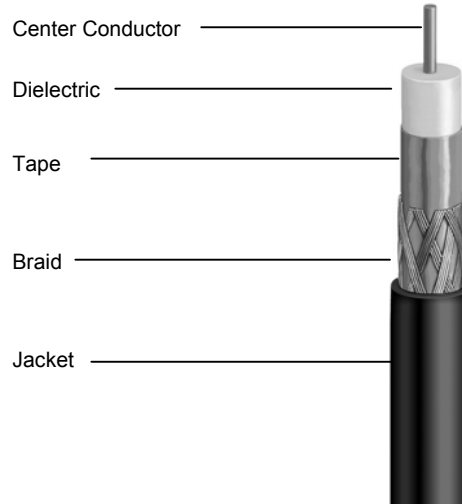
Foam Polyethylene
 Dia. over Dielectric: 0.288" Nom.

SHIELD:

Tape: NB Aluminum
 Braid: 34 AWG Tin/Copper
 90% Coverage
 Nom. Dia. 0.315"

JACKET:

Black PE
 Dia. over Jacket: 0.405" +/- 0.007"
 Nominal Jacket Thickness: 0.045"
 Minimum Spot: 0.036"



ELECTRICAL PROPERTIES:

SPARKER TEST:

5000 VAC

DIELECTRIC STRENGTH:

Conductor to Shield: 3000 VDC

CAPACITANCE:

24.0 pF./Ft. Nom.

IMPEDANCE:

50.0 +/- 2.0 Ohms

VELOCITY OF PROPAGATION:

84.0% Nom.

DCR: Conductor:

0.92 Ohms/1000 Ft.

SRL:

14dB (500 thru 1800 MHz) 100% Sweep 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
3.00 dB	500 MHz
4.25 dB	1000 MHz
5.10 dB	1300 MHz
6.05 dB	1800 MHz