

Sold by:



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TYPE I VSAT 50 Ohm Coaxial Cable Catalog # 7725 Non-Plenum

CABLE CONSTRUCTION:

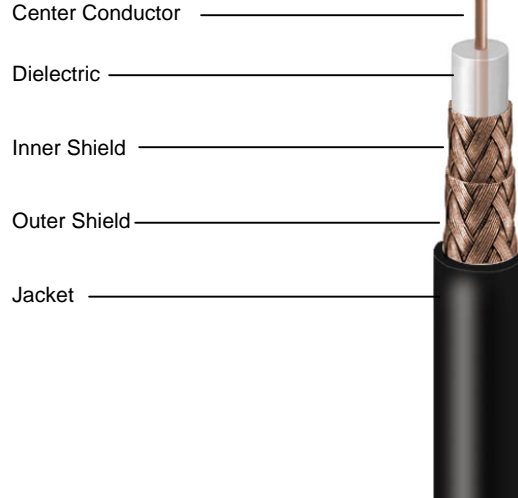
CENTER CONDUCTOR:
19 AWG Solid Copper
Nom. Dia: **0.0359"**

DIELECTRIC:
Solid PE
Dia. over Dielectric: **0.118" Nom.**

INNER SHIELD:
Braid: 36 AWG Copper
96% Coverage
Nom. Dia. **0.136"**

OUTER SHIELD:
Braid 36 AWG Copper
96% Coverage
Nom. Dia. **0.154"**

JACKET:
PE
Dia. over Jacket: **0.212" +/- 0.008"**
Nominal Jacket Thickness: **0.029"**
Minimum Spot: **0.021"**



ELECTRICAL PROPERTIES:

SPARKER TEST: 2000 VAC

DIELECTRIC STRENGTH: Conductor to Shield: 2000 VDC

CAPACITANCE: 30.8 pF./Ft. Nom.

IMPEDANCE: 50.0 +/- 2.0 Ohms

VELOCITY OF PROPAGATION: 66.0% Nom.

DCR: Conductor: 8.5 Ohms/1000 Ft. Nom.
Shield: 2.4 Ohms/1000 Ft. Nom.

SRL: 14 dB (500 thru 1800 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
11.0 dB	500 MHz
16.2 dB	1000 MHz
18.5 dB	1300 MHz
23.0 dB	1800 MHz

