

DUAL RG-6 3000-MHz
75 Ohm Coaxial Cable
Part # V266
Non-Plenum: CM(ETL) C(ETL)***Specification for EchoStar**

1 of 1

CABLE CONSTRUCTION:**CENTER CONDUCTOR:**18 AWG Copper/Steel
Diameter over Conductor: 0.0403 +/- .0004"**DIELECTRIC:**Foam Polyethylene
Diameter over Dielectric: 0.180 +/- .004"**SHIELD:**Foil: Bonded Aluminum/Poly/Aluminum Tape
Braid: 34 AWG Aluminum
Coverage: 59% Minimum
Diameter over Braid: 0.212 +/- .006"**JACKET:**FR-PVC
Diameter over Jacket: 0.270 +/- 0.006"
Overall Width: 0.570 +/- .030"

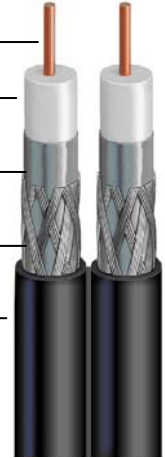
Center Conductor

Dielectric

Aluminum Foil

Braid

Jacket

**ELECTRICAL PROPERTIES:****SPARKER TEST:**

4000 VAC

DIELECTRIC STRENGTH:

Conductor to Shield: 2500 VDC

CAPACITANCE:

16.0 +/- 0.4 pF./FT.

IMPEDANCE:

75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION:

82 +/- 2%

DCR: Conductor:

29.5 Ohms/1000 Ft. Max

Shield:

10.5 Ohms/1000 Ft. Max

Loop:

40.0 Ohms/1000 Ft. Max

SRL:

100% Swept Tested

MECHANICAL PROPERTIES:**MINIMUM BEND RADIUS:**

Loaded: 20 Times Cable OD

Unloaded: 10 Times Cable OD

CABLE TEMP. RATING:

Operating Temp: -40°C to 75°C

ATTENUATION:

@ FREQUENCY MHz	dB/100 FT. (MAX.)	@ FREQUENCY MHz	dB/100 FT. (MAX.)
5 MHz	0.58 dB	750 MHz	5.65 dB
55 MHz	1.60 dB	1000 MHz	6.55 dB
211 MHz	3.05 dB	1200 MHz	7.23 dB
250 MHz	3.30 dB	1450 MHz	7.93 dB
300 MHz	3.55 dB	1800 MHz	8.82 dB
400 MHz	4.15 dB	2200 MHz	9.73 dB
500 MHz	4.66 dB	2250 MHz	9.84 dB
600 MHz	5.10 dB	3000 MHz	11.32 dB