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RG-6 3GHz 75 Ohm Coaxial Cable Catalog # 5730V NEC/CEC: CM, CMH or CATV

CABLE CONSTRUCTION:

CENTER CONDUCTOR:

18 AWG Copper/Steel
 Nom. Dia: 0.0403"

DIELECTRIC:

Foam Polyethylene
 Dia. over Dielectric: 0.180" Nom.

SHIELD:

Foil: Aluminum/Poly Tape
 Braid: 34 AWG Aluminum
 60% Coverage
 Nom. Dia. 0.212"

JACKET:

FR-PVC
 Dia. over Jacket: 0.272" +/- 0.008"
 Nominal Jacket Thickness: 0.030"
 Minimum Spot: 0.024"



ELECTRICAL PROPERTIES:

SPARKER TEST:

4000 VAC

DIELECTRIC STRENGTH:

Conductor to Shield: 3000 VDC

CAPACITANCE:

16.2 pF./FT. Nom.

IMPEDANCE:

75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION:

82.0% Nom.

DCR: Conductor:
 Shield:

28.6 Ohms/1000 Ft. Nom.
 9.7 Ohms/1000 Ft. Nom.

SRL:

20 dB (950 thru 2200 MHz) 100% Swept Tested
 15 dB (2200 - 3000 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

MINIMUM BEND RADIUS:

Loaded: 20 Times Cable OD
 Unloaded: 10 Times Cable OD

CABLE TEMP. RATING:

Temp: 75°C

ATTENUATION:

DB/100 FT. (NOM.)	@ FREQUENCY MHz
0.37 dB	1 MHz
0.66 dB	10 MHz
1.41 dB	50 MHz
1.92 dB	100 MHz
2.64 dB	200 MHz
3.73 dB	400 MHz
5.05 dB	700 MHz
5.79 dB	900 MHz
6.11 dB	1000 MHz
6.73 dB	1200 MHz
7.49 dB	1450 MHz
8.43 dB	1800 MHz
9.35 dB	2200 MHz
9.97 dB	2500 MHz
10.92 dB	3000 MHz

