



GENESIS SERIES

Coaxial Cable

Part No. 5003

Dual shield RG6/U 3.0 GHz CATV Coax, AWG #18 copper-clad steel center conductor, nitrogen-injected foam polyethylene dielectric, shield consisting of 100% coverage aluminum foil and 60% aluminum braid, WAVEFLEX® technology PVC jacket.

Physical Information:

Dielectric Diameter: 0.180" nom.
Jacket Diameter: 0.270"
UL Rating: CATV; CL2
Cable Weight: 27 lbs/1000'
Min. Bend Radius: 3.0"
Temp. Rating: -20 to 75 deg. C

Legend: HONEYWELL P/N 5003 RG 6/U 18AWG 3GHZ BROADBAND PREMIUM (ETL) XXXXXX TYPE CATV OR CL2 75C SUN RES "RoHS" W/O# XXXXXX XXXX FT CATV/SATELLITE A B C D E F 1 2 3 4 5 6 7 8 9 (PAT. PEND.)

Electrical Characteristics:

TABLE I	
<i>Characteristic</i>	<i>Nominal Value</i>
DC Resistance	30 ohms/1000ft
Impedance	75 ± 3 ohms
Capacitance	16.5 pF/ft
Velocity of Propagation	81%

TABLE II		
Frequency (MHz)	Max Attenuation (dB/100')	Min SRL (dB)
5	0.6	20
55	1.6	20
211	3.1	20
400	4.2	20
500	4.7	20
600	5.3	20
750	5.9	20
870	6.3	20
1000	6.9	20
1500	8.4	15
1750	9.1	15
2250	10.3	15
3000	11.8	15

- Sweep Tested to 3.0 GHz