

-GENESIS-

General Purpose CATV Video Cable Part Number: 5027

18 AWG RG6 Quad Shield

Ratings CATV, CM, CL2, Sunlight Resistant
Approvals ETL Listed

Construction

Conductor 18 AWG Solid Bare Copper
Conductor Count 1
Dielectric Foam PE
Dielectric Diameter 0.180" nom.
Shielding Quad (100% Aluminum Foil, 60% Aluminum Braid, 100% Aluminum Foil, 40% Aluminum Braid)
Jacket PVC (0.035" nom.)
Overall Diameter 0.293" nom.
Print Legend GENESIS P/N 5027 RG 6/U 18AWG 3GHZ QUAD SHIELDED BROADBAND PREMIUM (ETL) XXXXXX CATV OR CL2 OR CM C(ETL)US 75C SUN RES "RoHS" WO# XXXXXX XXXXFT CATV/SATELLITE A B C D E F 1 2 3 4 5 6 7 8 9

Properties

Operating Voltage 300 Volts max.
DC Resistance 6.52 Ohms/1000' at 20°C
Velocity of Propagation 81%
Capacitance 16.5 pF/ft. nom.
Impedance 75 Ohms nom.

Temperature -20°C to 75°C
Flame Rating UL 1685 Vertical Tray
RoHS Compliant Yes

Frequency (MHz)	Max Attenuation (dB/100')	Min SRL
5	0.65*	20
55	1.80	20
211	3.46	20
270	3.90	20
300	4.11	20
330	4.31	20
400	4.74	20
450	5.02	20
550	5.54	20
750	6.46	20
870	6.95	20
1000	7.44	20
1450	8.93	15
1750	9.80	15
2250	11.09	15
3000	12.76	15

Sweep Tested to 3 GHz. The Maximum Attenuation value at 5 MHz is for reference only.

Country of Origin China