

# -GENESIS-

## Riser Rated CATV Video Cable Part Number: 5303

### 18 AWG RG6 Dual Shield

**Ratings** CATVR, CMR, CL2R, FT4, Sunlight Resistant  
**Approvals** ETL Listed

#### Construction

**Conductor** 18 AWG Solid Copper Clad Steel  
**Conductor Count** 1  
**Dielectric** Foam PE  
**Dielectric Diameter** 0.180" nom.  
**Shielding** Dual (100% Aluminum Foil, 60% Aluminum Braid)  
**Jacket** PVC (0.032" nom.) Waveflex®  
**Overall Diameter** 0.272" nom.  
**Print Legend** GENESIS P/N 5303 BROADBAND PREMIUM RG 6/U 18AWG 3GHZ XXXXXX (ETL) CATVR OR CL2R OR CMR C(ETL)US FT4 75C SUN RES "RoHS" WO# XXXXXX XXXXFT CATV/SATELLITE A B C D E F 1 2 3 4 5 6 7 8 9 (PAT. PENDING)

#### Properties

**Operating Voltage** 300 Volts max.  
**DC Resistance** 31.1 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 1666 (Riser); CSA C22.2 No. 2556 (FT4)  
**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