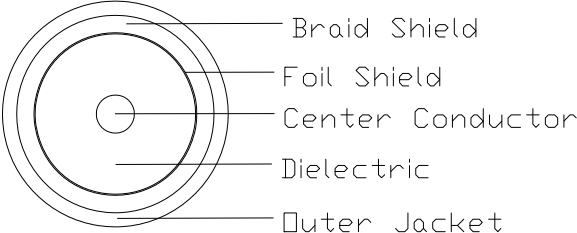



Product Specification Sheet

Catalog Number: RG6-P-CATV

Construction Detail	Product Illustration																												
																													
Physical Construction	Description																												
<p>Component 1: Coax 18 AWG solid copper clad steel center conductor Foam FEP dielectric: .170-inch nominal diameter 100% Aluminum/Poly tape shield 60% 34 AWG Aluminum braid shield</p>	<p>Communications Plenum rated drop cable for CATV and MATV applications in accordance with NEC article(s) 800 and 820</p>																												
	Color Code																												
	N/A																												
	Electrical Specifications																												
<p>Coaxial: Conductor DCR: 28.6 Ω per 1000 feet Shield DCR: 9.00 Ω per 1000 feet Capacitance: 15.8 pF per foot Voltage: 300 Volts RMS Impedance: 75.0 ± 3 Ω Temperature: -10°C to 75°C VOP: 84.0% Nom. SRL 5-1000 MHz: 20 dB SRL 1-3 GHz: 15 dB</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #1a3a7a; color: white;"> <th colspan="2">ATTENUATION</th> </tr> <tr style="background-color: #e0e0e0;"> <th>MHz</th> <th>dB/100 Ft.</th> </tr> </thead> <tbody> <tr><td>1</td><td>.38</td></tr> <tr><td>10</td><td>.70</td></tr> <tr><td>50</td><td>1.48</td></tr> <tr><td>100</td><td>2.01</td></tr> <tr><td>200</td><td>2.86</td></tr> <tr><td>400</td><td>4.23</td></tr> <tr><td>700</td><td>5.96</td></tr> <tr><td>900</td><td>6.96</td></tr> <tr><td>1000</td><td>7.45</td></tr> <tr><td>1450</td><td>9.34</td></tr> <tr><td>1800</td><td>10.69</td></tr> <tr><td>2200</td><td>11.54</td></tr> </tbody> </table>	ATTENUATION		MHz	dB/100 Ft.	1	.38	10	.70	50	1.48	100	2.01	200	2.86	400	4.23	700	5.96	900	6.96	1000	7.45	1450	9.34	1800	10.69	2200	11.54
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<p>Final assembly: Single coaxial cable PL-PVC jacket: .015-inch nominal thickness Final construction: .239-inch nominal OD Product Print Legend: LWC RG6 9700851 18 AWG CMP(ETL) C(ETL) 75C {LOT #} MADE IN USA Sequential footmarks are applied in conjunction with the print legend.</p>	Regulatory Specifications																												
	<p>NEC rated CMP CEC rated CMP ETL rated CMP C(ETL) rated CMP</p>																												
Specification Control	Product Information																												
<p>Revision Date: 04/11/2009</p> <p>Liberty Wire & Cable specifications are subject to change without notice. Contact an account representative for current product specifications. Liberty Wire & Cable continuously strives to ensure product specifications are accurate and complete. All physical specifications are nominal.</p>	<p>Jacket Colors: Natural White, Black</p> <p>Packaging: 1000 foot reels</p> <p>Special Instructions: Plenum wire should be conditioned for 24 hours at room temperature prior to installation and never installed below 0°C ambient temperature</p>																												

Form Revision Date: 04/15/2004