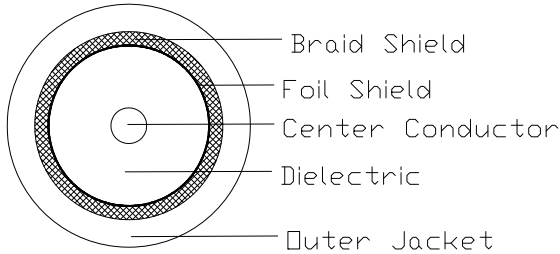



Product Specification Sheet

Catalog Number: 18-CMR-SD

Construction Detail	Product Illustration																																										
																																											
Physical Construction	Description																																										
<p>Component 1: Coax 18 AWG solid bare copper center conductor Foam polyethylene dielectric: .180-inch nominal diameter 100% Aluminum/Polyester tape foil bonded to the dielectric 95% 36 AWG tinned copper braid shield</p>	<p>Riser rated RG6/U precision video coaxial cable for Analog audio/video, Digital audio/video, HDTV/SDI, Broadcast, Broadband video, Baseband video, and Headend applications. A superior one cable solution for all 75 Ω RG6 non-plenum applications.</p>																																										
	Color Code																																										
	N/A																																										
	Electrical Specifications																																										
<p>Final assembly: Single coaxial cable FR-PVC jacket: .032-inch nominal thickness Final construction: .272-inch nominal OD Product Print Legend: LWC 18-CMR-SD HDTV SERIAL DIGITAL 18 AWG CMR (UL) C(UL) E190606-* {LOT} MADE IN USA Sequential footmarks are applied in conjunction with the print legend.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #1a3a7a; color: white;"> <th style="text-align: left;">Coaxial:</th> <th colspan="2" style="text-align: center;">ATTENUATION</th> </tr> <tr> <td></td> <th style="text-align: center;">MHz</th> <th style="text-align: center;">dB/100 Ft.</th> </tr> </thead> <tbody> <tr> <td>DCR: 6.4 Ω per 1000 feet</td> <td style="text-align: center;">10.0</td> <td style="text-align: center;">.72</td> </tr> <tr> <td>DCR (shield): 2.9 Ω per 1000 feet</td> <td style="text-align: center;">50</td> <td style="text-align: center;">1.45</td> </tr> <tr> <td>Capacitance: 16.2 pF per foot</td> <td style="text-align: center;">100</td> <td style="text-align: center;">1.98</td> </tr> <tr> <td>Voltage: 300 Volts RMS</td> <td style="text-align: center;">200</td> <td style="text-align: center;">2.73</td> </tr> <tr> <td>Impedance: 75 ± 3 Ω</td> <td style="text-align: center;">400</td> <td style="text-align: center;">3.90</td> </tr> <tr> <td>Temperature: -20°C to 75°C</td> <td style="text-align: center;">700</td> <td style="text-align: center;">5.24</td> </tr> <tr> <td>VOP: 82% Nom.</td> <td style="text-align: center;">1000</td> <td style="text-align: center;">6.35</td> </tr> <tr> <td>SRL: 26 dB (1-450 MHz)</td> <td style="text-align: center;">2200</td> <td style="text-align: center;">9.74</td> </tr> <tr> <td style="padding-left: 20px;">23 dB (451-850 MHz)</td> <td style="text-align: center;">3000</td> <td style="text-align: center;">11.64</td> </tr> <tr> <td style="padding-left: 20px;">18 dB (851-3000 MHz)</td> <td style="text-align: center;">3500</td> <td style="text-align: center;">12.74</td> </tr> <tr> <td></td> <td style="text-align: center;">4000</td> <td style="text-align: center;">13.78</td> </tr> <tr> <td></td> <td style="text-align: center;">4500</td> <td style="text-align: center;">14.78</td> </tr> </tbody> </table>	Coaxial:	ATTENUATION			MHz	dB/100 Ft.	DCR: 6.4 Ω per 1000 feet	10.0	.72	DCR (shield): 2.9 Ω per 1000 feet	50	1.45	Capacitance: 16.2 pF per foot	100	1.98	Voltage: 300 Volts RMS	200	2.73	Impedance: 75 ± 3 Ω	400	3.90	Temperature: -20°C to 75°C	700	5.24	VOP: 82% Nom.	1000	6.35	SRL: 26 dB (1-450 MHz)	2200	9.74	23 dB (451-850 MHz)	3000	11.64	18 dB (851-3000 MHz)	3500	12.74		4000	13.78		4500	14.78
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<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: Red, Green, Blue, White, Yellow, Black, Brown, Violet, Orange</p> <p>Packaging: 1000 foot reels</p>																																										

Form Revision Date: 04/15/2004