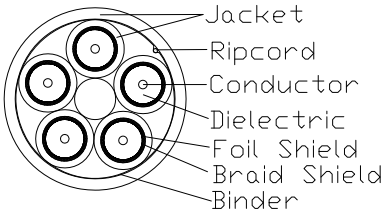



## Product Specification Sheet

**Catalog Number: RGB5C**

Construction Detail	Product Illustration																						
																							
Physical Construction	Description																						
<b>Component 1:</b> Single coaxial: 18 AWG solid bare copper center conductor Foam Polyethylene dielectric: .180-inch nominal diameter 100% bonded Aluminum/Poly/Aluminum inner shield 95% 36 AWG tinned copper braid outer shield FR-PVC jacket: .032-inch nominal thickness Final construction: .272-inch nominal OD	Riser rated RGB RG6/U precision video coaxial cable for Analog audio/video, Digital audio/video, HDTV/SDI, Broadcast, Broadband and Baseband video installations in accordance with NEC article 800. A superior RGB cable solution for all 75 $\Omega$ RG6 non-plenum applications.																						
	Color Code																						
	Red, Green, Blue, White, Yellow																						
	Electrical Specifications																						
	<b>Coaxial:</b> DCR (conductor): 6.51 $\Omega$ per 1000 feet DCR (shield): 2.29 $\Omega$ per 1000 feet Capacitance: 16.2 pF per foot Voltage: 300 Volts RMS Impedance: 75 $\pm$ 3 $\Omega$ Nom. Temperature: -30°C to 75°C VOP: 83% Nom. SRL: 26dB min up to 500 MHz. 20dB min up to 3.0 GHz.																						
	<table border="1"> <thead> <tr> <th colspan="2">ATTENUATION</th></tr> <tr> <th>MHz</th><th>dB/100 Ft</th></tr> </thead> <tbody> <tr><td>1.0</td><td>0.24</td></tr> <tr><td>10.0</td><td>0.72</td></tr> <tr><td>100.0</td><td>1.84</td></tr> <tr><td>270.0</td><td>2.97</td></tr> <tr><td>540.0</td><td>4.25</td></tr> <tr><td>750.0</td><td>5.00</td></tr> <tr><td>1000.0</td><td>5.89</td></tr> <tr><td>2000.0</td><td>8.57</td></tr> <tr><td>3000.0</td><td>10.67</td></tr> </tbody> </table>	ATTENUATION		MHz	dB/100 Ft	1.0	0.24	10.0	0.72	100.0	1.84	270.0	2.97	540.0	4.25	750.0	5.00	1000.0	5.89	2000.0	8.57	3000.0	10.67
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<b>Final assembly:</b> 5 of component 1 planetary cabled left hand lay PVC fillers in core as needed for roundness. 100% paper tape binder with 25% overlap Nylon ripcord under the jacket FR-TPE jacket: .055-inch nominal thickness Final construction: .850-inch nominal OD Product Print Legend: <b>LWC SERIAL DIGITAL VIDEO 5/18 AWG CMR 75C (UL) C(UL) E190606-C –MADE IN USA</b> Sequential footmarks are applied in conjunction with the print legend.	Regulatory Specifications																						
	NEC rated CMR CEC rated CMR EU RoHS 2002/95/IEC Compliant since 12/14/2007																						
Specification Control	Product Information																						
<b>Revision Date: 04/11/2009</b>  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.	<b>Jacket Colors:</b> Black  <b>Packaging:</b> 500 foot reels																						

Form Revision Date: 04/15/2004

## Product Specification Sheet

Catalog Number: RGB5C

Form Revision Date: 04/15/2004



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