



Product Specification Sheet

Catalog Number: RGB5C-25-CM

Construction Detail	Product Illustration												
 <p style="margin-left: 20px;"> Ripcord Coaxial Component(5) Outer Jacket </p>													
Physical Construction	Description												
<p>Component 1: Coaxial 25 AWG solid bare copper conductor Foam PE dielectric: .077-inch nominal diameter 100% Aluminum/Polyester foil shield with foil facing out and a 25% overlap 90% 38 AWG tinned copper spiral braid outer coax shield XPbT coax jacket: .010-inch nominal thickness Coaxial Construction: .109-inch nominal OD</p>	<p>Communications rated lead free mini high resolution multiple coaxial cable for analog video and line level audio applications and installations in accordance with NEC article 725</p>												
Color Code													
<p>Coax jackets: Red, Green, Blue, White, Yellow</p>													
Electrical Specifications													
<p>Coax: DCR: 34 Ω per 1000 feet Impedance: 75 ± 3 Ω Capacitance: 18.0 pF per foot Voltage: 300 Volts RMS Temperature: -20°C to 75°C VOP: 78% SRL 5-450 MHZ: 17 dB</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr style="background-color: #d3d3d3;"> <th colspan="2">ATTENUATION</th> </tr> <tr> <th>MHz</th> <th>dB/100ft</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>5.1</td> </tr> <tr> <td>200</td> <td>7.1</td> </tr> <tr> <td>400</td> <td>10.5</td> </tr> <tr> <td>1000</td> <td>17.9</td> </tr> </tbody> </table>	ATTENUATION		MHz	dB/100ft	100	5.1	200	7.1	400	10.5	1000	17.9
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Regulatory Specifications													
<p>Final assembly: 5 of component 1 planetary cabled Kevlar ripcord under the jacket. XPbT jacket: .026-inch nominal thickness Final construction: .350-inch nominal OD Product Print Legend: LWC RGB5C-25-CM E190606-* TYPE CM C(UL)US 75°C 25 AWG RoHS COMPLIANT In white ink Sequential footmarks are applied in conjunction with the print legend in white ink every two feet.</p>	<p>NEC rated CM CEC rated CM EU RoHS 2002/95/EC Compliant since 03/20/2006</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: Black</p> <p>Packaging: 1000 foot reels</p>												

Form Revision Date: 04/15/2004