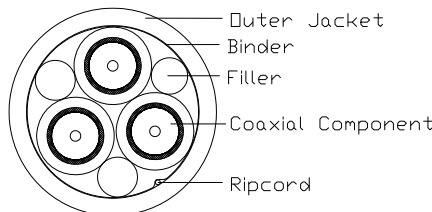



Product Specification Sheet

Catalog Number: RGB3C-20-CMR

Construction Detail	Product Illustration	
		
Physical Construction	Description	
Component 1: Single coax 20 AWG solid bare copper center conductor Foam Polyethylene dielectric: .145-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 Coaxial construction: .242-inch nominal OD	Communications riser rated RGB RG59/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 Ω RG59 non-plenum applications.	
	Color Code	
	Red, Green, Blue	
	Electrical Specifications	
Coaxial: Conductor DCR: 10.0 Ω per 1000 feet Shield DCR: 3.4 Ω per 1000 feet Capacitance: 16.3 pF per foot Voltage: 300 Volts RMS Impedance: 75 ± 3 Ω Nom. Temperature: -30°C to 75°C VOP: 83% Nom. SRL: 26dB min. up to 500MHz. 20dB min. up to 3.0GHz.	ATTENUATION	
	MHz	dB/100Ft
	1.0	0.29
	10.0	0.84
	100.0	2.58
	270.0	3.80
	540.0	5.47
	750.0	6.50
	1000.0	7.60
	2000.0	10.90
3000.0	13.40	
Final assembly: 3 of component 1 planetary cabled with fibrillated PVC fillers as needed for roundness 100% Mylar tape binder with 25% overlap 100% Paper tape binder with 25% overlap Nylon ripcord under the jacket. TPE jacket: .055-inch nominal thickness Final construction: .630-inch nominal OD Product Print Legend: LWC P/N RGB3C-20-CMR 20 AWG CMR (UL) C(UL) E190606-C Sequential footmarks are applied in conjunction with the print legend every two feet in white ink.	Regulatory Specifications	
	NEC rated CMR CEC rated CMR EU RoHS 2002/95/EC Compliant since 05/10/2006	
Specification Control	Product Information	
Revision Date: 04/11/2009 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.	Jacket Colors: Black Packaging: 500 foot reels	

Form Revision Date: 04/15/2004