



PRODUCTS / PRO-AUDIO, VIDEO & DATA CABLE / VIDEO CABLE / Component RGB: High Definition RG59

Component RGB: High Definition RG59



Multi-conductor version of VPM2000 High Definition video coax. Coaxial construction features low attenuation, a 3GHz HD bandwidth, gas-injected dielectric, and broadband shielding. Each coaxial element has precision electrical characteristics and is tested and verified to meet or exceed SMPTE 292M standards for digital video transmission. The outer jacket is extruded from a flexible, abrasion resistant, all-weather TPE compound that remains flexible in low temperature environments. Commonly used for high resolution component analog video, this series can also be used for multiple channels of uncompressed HD video.

FEATURES & BENEFITS

- Ultra-low Attenuation & Return Loss
- RG59 VPM2000 HD Coax Elements
- Precision 75Ω Impedance
- 3GHz Bandwidth for HDTV
- High Velocity of Propagation
- Gas-injected Foam Polyethylene Dielectric
- Full Copper Braid & Foil Shield
- Flexible
- 100% Sweep Tested
- All-weather TPE Master Jacket

APPLICATIONS

- High Definition or Standard Definition Serial Digital Video
- Digital Audio (AES3id or SPDIF)
- High Resolution RGB Component Analog Video
- Studio Interconnect, Portable Snakes, or Permanent Installation
- Ideal for Extended Distance Runs

Mechanical Specifications

Part #	# of Coaxials	Nominal OD	Conductor	Insulation (Type, OD)	Shield	Coax Jacket (Type, OD)	Coax Color Code	Master Jacket	Approx. Weight
VS52000	5	.745"	20 AWG Solid BC	Gas-injected Foam PE, .146"	95% TC Braid, 100% Foil	PVC, .242"	Red, Green, Blue, Yellow, White	TPE, Black	260 lbs/Mft

Electrical Specifications

Impedance	Return Loss (100kHz-1GHz), (1GHz-3GHz)	Capacitance	Cond. DCR per Mft/ Shield DCR per Mft	Vel. of Prop.	Attenuation (dB per 100ft)											
					1 MHz	3.6 MHz	10 MHz	71.5 MHz	135 MHz	270 MHz	360 MHz	720 MHz	1 GHz	1.5 GHz	2.25 GHz	3 GHz
75 Ω (+/-2)	>23dB, >21dB	16.3 pF/ft	10.2Ω/ 3.5Ω	83%	0.28	0.53	0.86	2.05	2.71	3.80	4.38	6.40	7.57	9.29	11.57	13.36



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