

Flexible High Definition SDI Coax

Features & Benefits

- Extra Flexible
- 3GHz Bandwidth
- Low Attenuation & Return Loss
- Precision 75Ω Impedance
- Gas-injected, Foam Polyethylene Dielectric
- Crush Resistant

Applications

- High Definition Video
- SDI Serial Digital Video
- High Resolution Analog Video
- Portable Cables
- Patchcords

Extra-flexible, low-loss RG59 type coax with a 3GHz bandwidth for 1.485 Gb/s HDTV transmission. VHD2000M features a precision stranded center conductor, a unique double-braided shield, and a matte PVC jacket to achieve exceptional flexibility and flex-life without compromising the electrical performance required for HD video.

For the insulating dielectric, VHD2000M features a crush-resistant, gas-injected polyethylene compound that reduces attenuation and extends the operating bandwidth. As with all other Gepco HD coax cables, every critical electrical and mechanical characteristic is manufactured to precision tolerances.



Mechanical Specifications										
Part #	# of Cond.	Nominal OD	Conductor	Insulation (type, OD)	Shield	Jacket Type	Jacket Colors	Approx. Weight		
VHD2000M	1	.242"	21 AWG (19X34) Stranded BC (Compact)	Gas-injected Foam PE, .146"	95% TC Braid, 95% TC Braid	Flexible PVC	Black, others by special order	33 lbs/Mft		

Electrical Specifications																	
Impedance	Return Loss (100kHz-1GHz), (1GHz-3GHz)	Capacitance	Cond. DCR per Mft	Shield DCR per Mft	Vel. of Prop.	Nominal Attenuation (dB per 100 ft)											
						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 (+/-3)	>20dB, >15dB	1.7 pF/ft	14.3 Ω	2.4 Ω	78%	0.25	0.52	0.91	2.51	3.50	5.05	5.92	8.60	10.35	13.05	16.50	19.60

