

## Extra-flexible RG59 HD Coax + Three-pair Audio

### Features & Benefits

RG59 HD Coax with Stranded Conductor  
 Double Braid Coax Shielded  
 Gas-injected Dielectric  
 22 Gage Audio Pairs  
 Individually Shielded and Isolated Pairs  
 Easy to Terminate Dual-zip Construction

### Applications

HD Video  
 Mic or Line Level  
 Headsets  
 Camera ENG

Audio and video composite cable in a dual-zip construction. The video element is a low-loss RG59 HD coax that features a stranded center conductor and gas-injected dielectric for flexibility and low attenuation. Audio pairs are 22 gage tinned copper conductors insulated with a PVC dielectric and individually foil shielded with a drain wire. The outer jacket is extruded from a flexible PVC compound in a dual-zip construction that is easy to strip and terminate.



### Overall Specifications

Part #	# of Coaxials	# of Audio Pairs	Audio Pair Color Code	Nominal OD	Overall Jacket	Approx. Weight
VHD13F	1	3	Black & Red Green & White Brown & Orange	.242" x .560"	Flexible PVC	90 lbs/Mft

### Coax Specifications

Conductor	Insulation (Type, OD)	Shield	Impedance	Return Loss (100kHz-1GHz)	Cond. DCR per Mft/Shield DCR per Mft	Vel. of Prop.	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	4.5 GHz
21 AWG (19x34) Stranded BC	Gas-injected Foam PE, .146"	98% TC Double Braid	75 Ω (+/-3)	>20dB, >15dB	14.3 Ω/2.4 Ω	78%	.25	.52	.91	2.51	3.50	5.05	5.92	8.60	10.3	13.0	16.5	19.6	24.8

### Twisted-pair Specifications

Conductor	Insulation (Type, OD)	Shield	Drain	Capacitance	Cond. DCR	Drain DCR
22 AWG (7x30) Stranded TC	PVC, .012"	100% Foil	24 AWG (7x32) Stranded TC	48 pF/ft between Conductors 89 pF/ft between one conductor and another tied to shield	15.3 Ω/Mft	23.8 Ω/Mft