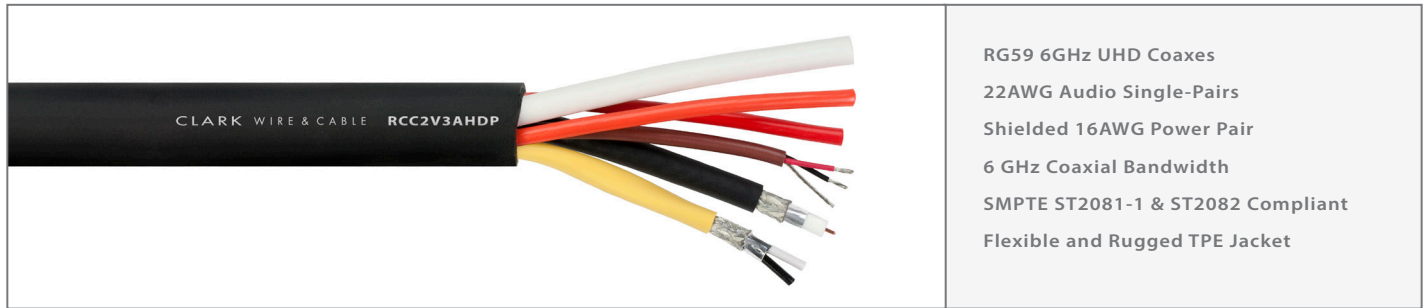


## RCC-HDP Series

### RG59 Composite A/V and Power Snake Cables

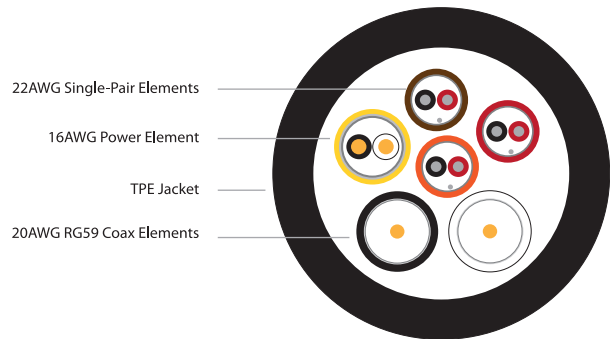


RG59 6GHz UHD Coaxes  
 22AWG Audio Single-Pairs  
 Shielded 16AWG Power Pair  
 6 GHz Coaxial Bandwidth  
 SMPTE ST2081-1 & ST2082 Compliant  
 Flexible and Rugged TPE Jacket

Part Number: **RCC-HDP Series** (see below for variations)  
 Description: **RG59 Composite A/V and Power Snake Cables**

#### Materials & Dimensions

Audio Elements	22AWG (7x30) TC Conductors (2 per single-pair) Polypropylene Insulation .008" wall (red & black) 100% Bonded Foil Shield 22AWG (7x30) TC Drain Wire PVC Pair Jacket .132" O.D.
Video Elements	20 AWG Solid BC Conductor (1 per coax) Gas-Injected Foam PE, .146" O.D. 100% Foil & 95% TC Braid Shields PVC Coax Jacket .242" O.D.
Power Elements	16AWG (19x29) BC Conductors (2 per single-pair) PVC Insulation .010" wall (white & black) 100% Foil Shield & 92% TC Braid PVC Pair Jacket .225" O.D.
Overall Jacket	Black TPE (see below for overall cable diameters)



#### Performance Characteristics

Impedance	Return Loss	DC Resistance	Capacitance	Vel. of Prop.	Operating Temperature	Coax Attenuation (dB/100 feet)			
						1 GHz	3 GHz	4.5 GHz	6 GHz
Coax Elements: 75Ω (+/-2)	Coax Elements: >23 dB (1MHz - 1.5GHz) >21dB (1.5GHz - 4.5GHz) >15dB (4.5GHz - 4.5GHz)	Coax Elements: Conductor: 10.0 Ω/Mft Shield: 3.8 Ω/Mft  Single-Pair Elements: Conductor: 14.4 Ω/Mft Drain & Shield: 12.5 Ω/Mft  Power-Pair Element: Conductor: 4.5 Ω/Mft Shield: 4.2 Ω/Mft	Coax Elements: 16.3 pF/ft  Single-Pair Elements: 25.7 pF/ft between conductors, 47.3 pF/ft between one conductor and other in common with shield	Coax Elements: 83%	-30°C to 75°C	7.6	13.3	16.4	19.9

#### Product Variations

Part Number	Coax Elements	Coax Color Code	Audio Pair Elements	Audio Pair Color Code	Power Elements	Power Color Code	Overall Diameter	Weight	Bend Radius
<b>RCC1V2AHDP</b>	1	Black	2	Brown, Red	1	Yellow	.660"	230 lbs/Mft	6.6"
<b>RCC2V3AHDP</b>	2	Black, White	3	Brown, Red, Orange	1	Yellow	.695"	315 lbs/Mft	7.0"
<b>RCC3V4AHDP</b>	3	Black, White, Grey	4	Brown, Red, Orange, Green	1	Yellow	.860"	405 lbs/Mft	8.6"

See CD7559 specifications for additional coax attenuation specifications and digital video transmission distances.