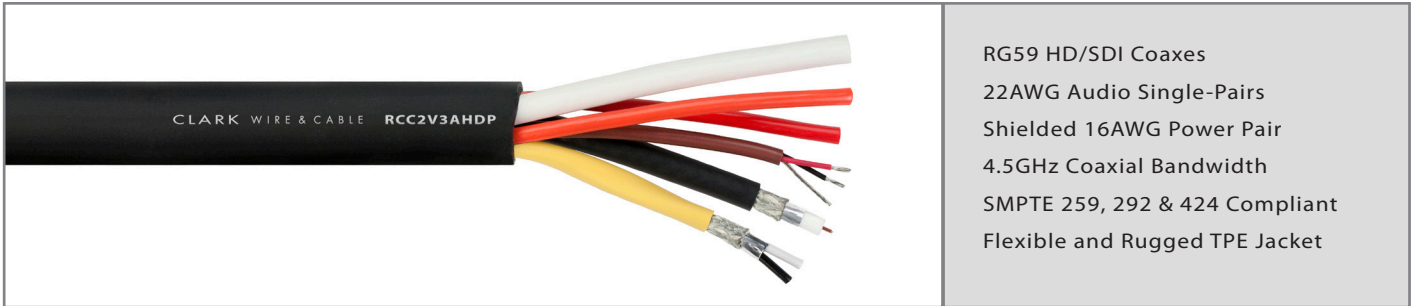


PRODUCT BULLETIN

#51302

RCC-HDP Series RG59 Composite A/V and Power Snake Cables

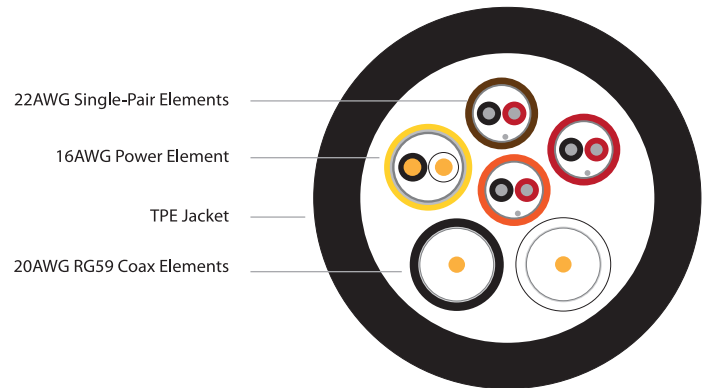


Part Number Overview

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 ELEMENT	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)			
						135 MHz	1 GHz	3 GHz	4.5 GHz
Coax Elements: 75Ω (+/-2)	Coax Elements: >23 dB (1MHz - 1.5GHz) >21dB (1.5GHz - 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	2.7	7.6	13.3	16.4

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
RCC1V2AHDP	1	Black	2	Brown, Red	1	Yellow	.660"	230 lbs/Mft	6.6"
RCC2V3AHDP	2	Black, White	3	Brown, Red, Orange	1	Yellow	.695"	315 lbs/Mft	7.0"
RCC3V4AHDP	3	Black, White, Grey	4	Brown, Red, Orange, Green	1	Yellow	.860"	405 lbs/Mft	8.6"

See CD7559 data sheet for additional coax attenuation specifications and HD/SDi transmission distances.