

RCC-D Series

Thin Profile Composite A/V Snake Cables

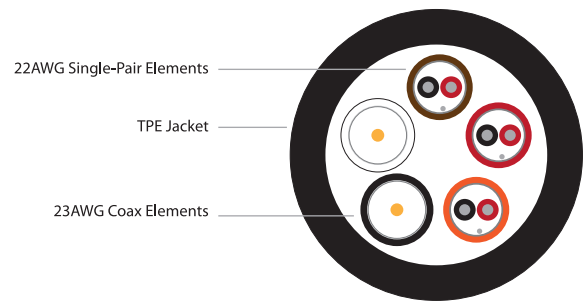


Miniature 23AWG HD/SDI Coaxes
 22AWG Audio Single-Pairs
 6 GHz Bandwidth for UHD Digital Video
 SMPTE ST2081-1 & ST2082 Compliant
 Color Coded Elements
 Flexible and Rugged TPE Jacket

Part Number: **RCC-D Series** (see below for variations)
 Description: **Thin Profile Composite A/V 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	23AWG Solid BC Conductor (1 per coax) Gas-Injected Foam PE, .100" O.D. 100% Foil & 95% TC Braid Shields PVC Coax Jacket .159" 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) >21 dB (1.5GHz - 4.5GHz) >15dB (4.5GHz - 6GHz)	Coax Elements: Conductor: 20 Ω/Mft Shield: 7.6 Ω/Mft Single-Pair Elements: Conductor: 14.4 Ω/Mft Drain & Shield: 12.5 Ω/Mft	Coax Elements: 16.4 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	10.5	18.5	22.8	28.9
						1 GHz	3 GHz	4.5 GHz	6 GHz

Product Variations

Part Number	Coax Elements	Coax Color Code	Audio Pair Elements	Audio Pair Color Code	Overall Diameter	Weight	Bend Radius
RCC2V3AD	2	Black, White	3	Brown, Red, Orange	.550"	152 lbs/Mft	5.3"
RCC2V5AD	2	Black, White	5	Brown, Red, Orange, Yellow, White	.580"	190 lbs/Mft	5.8"

The RCC-D series cables are hybrid audio and video cables designed for remote broadcast, staging and production environments. Each video element is a CD7523 miniature 23AWG coax cable that meets or exceeds SMPTE ST2081-1 and ST2082 standards for ultra high-definition digital video formats. The audio elements are made from Clark's SPA22GS low-loss 22AWG single-pair cables. Each audio and video element is uniquely color coded for quick identification. The outer jacket is extruded from a TPE compound that is extra-flexible, rugged and abrasion resistant.

See CD7523 specifications for additional coax attenuation specifications and HD/SDI transmission distances.