

NP 258

Brilliance® Banana Peel Precision Video Snake Cables

New Banana Peel Composite cable constructions now feature three of Belden's most popular SDI/HD coaxes: 1855A, 1505A and 1694A. This gives you outstanding digital video performance using multiple coaxes in a single pull.



Belden Brilliance Banana Peel Precision Video Snake Cable Line Expands to Include a 1694A Composite Construction

Belden recently introduced Banana Peel versions of its highly popular 1855A and 1505A cables, and now includes a Banana Peel construction of the industry's standard: 1694A

These digital video cables are ideal for use in the most demanding applications, including serial digital video, component video, unbalance mode analog or digital audio (AES/EBU), computer CAD/CAM, high-end computer graphics and animation, and live studio, field and mobile television broadcasting.

The new cables can also be used for high-resolution monitors and projection imaging in corporate boardrooms, command and control centers, auditoriums, teleconferencing centers, home theaters, performance venues, post-production facilities and houses of worship.

1855A, 1505A and 1694A Banana Peel constructions are available in bundles of 3, 5 and 6. All cables are pre-timed to ensure a delay difference of less than 5.0ns/100 feet between coaxes, allowing for "cut-and-connect" installation with no TDR or Vectorscope timing required. The result is a dramatic reduction in installation time, expense and complexity. Further reductions in the cables' installation time/complexity are offered by means of their unique Banana Peel construction.

Banana Peel Means Labor Savings, Easy Identification

Banana Peel Precision Video Snake cables will decrease your labor costs because the overall jacket has been eliminated. Without the outer jacket, a whole step in the termination process has been eliminated, plus the individual cable components are all instantly identifiable (the individual cables are color-coded and the print legends are immediately visible). To terminate the cables just peel the individual cables off the center spline and terminate. With no overall jacket the composite has a smaller OD, especially considering the OD of similarly bundled cables. The cable's bend radius also is improved, making it possible to use a smaller size conduit.


Exceptional Return Loss Characteristics, Sweep Tested to 4.5 GHz

To ensure best-in-class Return Loss performance, these cables are 100% sweep tested to 4.5 GHz. Belden is the only cable manufacturer that has extended its testing to 4.5 GHz, assuring broadcasters and leading-edge broadcast equipment manufacturers of high performance and reliability as they migrate from the existing 1080i (interlaced) HD format to the emerging 1080p (progressive) format.


Banana Peel® Precision Video Coax Snake Cable

Description	Part No.	UL NEC/ C(UL) CEC Type	No. Of Cond.	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp Ω	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
				Ft.	m	Lbs	kg.		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100ft.	dB/ 100m


Miniature 23 AWG Solid .023" Bare Copper • Duofoil® + 95% Tinned Copper Braid Shield (100% coverage) 1855A Versions

Gas-injected Foam HDPE Insulation • Individually color coded PVC Jackets* • Bundled • Center Spine Binder																						
SDI/HDTV Digital Video 75°C		1855S3	NEC:	3	500	152.4	29.5	13.4	23 AWG	.102	2.59	Duofoil	Single:	75	83%	16.3	53.5	1	.4	1.3		
			CMR:	1000	304.8	57.0	25.9	(solid)		+95% TC	.159	4.03										
			CEC:					.023"		Braid				Overall:								
			CMG:					BC		7.6Ω/M'	.343	8.7										
			FT4					20.1Ω/M'														
								65.9W/km														
			1855S5	NEC:	5	500	152.4	51.5	23.4	.102	2.59		Single:	75	83%	16.3	53.5	1	.4	1.3		
				CMR:	1000	304.8	102.0	46.3	same													
				CEC:					as													
				CMG:					above													
				FT4																		
				1855S6	NEC:	6	500	152.4	64.0	29.0	.102	2.59	Single:	75	83%	16.3	53.5	1	.4	1.3		
				CMR:	1000	304.8	121.0	55.0	same													
				CEC:					as													
				CMG:					above													
				FT4																		

20 AWG Solid .032" Bare Copper • Duofoil® + 95% Tinned Copper Braid Shield (100% coverage) 1505A Versions

Gas-injected Foam HDPE Insulation • Individually color coded PVC Jackets* • Bundled • Center Spine Binder																					
SDI/HDTV Digital Video 75°C		1505S3	NEC:	3	500	152.4	55.0	25.0	20 AWG	.145	3.68	Duofoil	Single:	75	83%	16.3	53.5	1	.3	1.0	
			CMR:	1000	304.8	104.0	47.0	(solid)		+95% TC	.235	5.97									
			CEC:					.032"		Braid				Overall:							
			CMG:					BC		3.8Ω/M'	.502	12.8									
			FT4					10.1Ω/M'													
								32.8W/km													
			1505S5	NEC:	5	500	152.4	95.0	43.0	.145	3.68		Single:	75	83%	16.3	53.5	1	.3	1.0	
				CMR:	1000	304.8	185.0	84.0	same												
				CEC:					as												
				CMG:					above												
				FT4																	
				1505S6	NEC:	6	500	152.4	117.0	53.0	.145	3.68	Single:	75	83%	16.3	53.5	1	.3	1.0	
				CMR:	1000	304.8	250.0	114.0	same												
				CEC:					as												
				CMG:					above												
				FT4																	

18 AWG Solid .040" Bare Copper • Duofoil® + 95% Tinned Copper Braid Shield (100% coverage) 1694A Versions

Gas-injected Foam HDPE Insulation • Individually color coded PVC Jackets* • Bundled • Center Spine Binder																					
SDI/HDTV Digital Video 75°C		1694S3 <small>NEW</small>	NEC:	3	500	152.4	75.0	34.0	18 AWG	.180	4.57	Duofoil	Single:	75	82%	16.2	53.5	1	0.24	0.8	
			CMR:	1000	304.8	145.0	66.0	(solid)		+95% TC	.274	7.0									
			CEC:					.040"		Braid				Overall:							
			CMG:					BC		3.8Ω/M'	.590	15.0									
			FT4					6.4Ω/M'													
								21.0Ω/km													
			1694S5	NEC:	5	500	152.4	131.0	59.0	.180	4.57		Single:	75	82%	16.2	53.5	1	0.24	0.8	
				CMR:	1000	304.8	277.0	126.0	same												
				CEC:					as												
				CMG:					above												
				FT4																	
				1694S6	NEC:	6	500	152.4	185.0	84.0	.180	4.57	Single:	75	82%	16.2	53.5	1	0.24	0.8	
				CMR:	1000	304.8	388.0	176.0	same												
				CEC:					as												
				CMG:					above												
				FT4																	

BC = Bare Copper • HDPE = High-density Polyethylene • TC = Tinned Copper
*Color coded in Red, Green, Blue, Yellow, Black and White