


HDTV/SDI Digital Coax
 RGB Component Video Multicore Cables
 VideoFlex® Snake Cables



De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material 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/ 100 ft.

20 AWG • Solid 0.8 mm Bare Copper • Duofoil® • 95 % Tinned Copper Braid (Coaxes)


Gas-Injected Foam HDPE Insulation • Overall Matte Black PVC Jacket																			
HDTV/SDI Digital Video 75°C  1505A Bundled 0.8/3.7	NEC:						0.81 mm	0.145	3.68	Duofoil®	0.235	5.97	75	83%	16.2	53.1	1	0.3	1.0
	CMR						20 AWG			+ 95% TC							3	0.5	1.8
	CEC:						Solid BC			Braid							10	0.9	2.9
	CMG FT4						45.3 Ω/km*			12.5 Ω/km***							270	3.8	12.5
							32.8 Ω/km**										360	4.4	14.4
																	750	6.5	21.3
																1000	7.6	24.9	
																2500	12.4	40.7	
																3000	13.8	45.3	

Pulling Tension:

7794A	3 Coax	500	152	94.5	42.9						0.631	16.03							961 N	
		1000	305	187.0	84.8															
7795A	4 Coax	500	152	116.5	52.8						0.706	17.93							1281 N	
		1000	305	237.0	107.5															
7796A	5 Coax	500	152	153.0	69.4						0.790	20.07							1601 N	
		1000	305	299.0	135.6															
7798A	10 Coax	500	152	319.5	144.9						1.166	29.62							3203 N	
		1000	305	625.0	283.5															

Nominal Delay: 4.265 ns/m • Sweep tested. 5 MHz to 3 GHz.
 Color Code: see chart below

18 AWG • Solid 1.0 mm Bare Copper • Duofoil® • 95 % Tinned Copper Braid (Coaxes)

Gas-Injected Foam HDPE Insulation • Overall Matte Black PVC Jacket																			
HDTV/SDI Digital Video 75°C  1694A Bundled 1.0/4.6	NEC:						1.02 mm	0.180	4.57	Duofoil®	0.275	6.99	75	82%	16.2	53.1	1	0.2	0.8
	CMR						18 AWG			+ 95% TC							3.6	0.5	1.5
	CEC:						Solid BC			Braid							10	0.7	2.4
	CMG FT4						30.8 Ω/km*			9.8 Ω/km***							270	3.0	9.7
							21.0 Ω/km**										360	3.4	11.3
																	750	5.0	16.4
																1000	5.9	19.3	
																2500	9.7	31.8	
																3000	10.7	35.0	

Pulling Tension:

7710A	3 Coax	500	152	137.5	62.4						0.770	19.56							921 N	
		1000	305	285.0	129.3															
7711A	4 Coax	500	152	179.5	81.4						0.900	22.86							1227 N	
		1000	305	350.0	158.8															
7712A	5 Coax	500	152	216.5	98.2						0.970	24.64							1534 N	
		1000	305	454.0	205.9															
7713A	10 Coax	500	152	463.0	210.0						1.386	35.20							3069 N	
		1000	305	904.0	410.1															

Nominal Delay: 4.068 ns/m • Sweep tested. 5 MHz to 3 GHz.
 Color Code: see chart below

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • TC = Tinned Copper • BC = Bare Copper
 Duofoil® see technical information page 23.13.

Color Code

Cond.	Color	Cond.	Color	Cond.	Color	Cond.	Color	Cond.	Color
1	Red	3	Blue	5	Yellow	7	Orange	9	Purple
2	Green	4	White	6	Brown	8	Grey	10	Black