


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.	dB/100 m

25 AWG • Solid 0.5 mm Tinned Copper • Duobond® • 95 % Tinned Interlocked Serve (Coaxes)

FPFA Insulation • Overall Matte Black PVC Jacket

HDTV/SDI Digital Video 60°C  Miniature 0.5/1.9	NEC:	0.46 mm	0.074	1.88	Duobond®	0.114	2.90	75	80%	17.0	55.8	1	0.5	1.7
	CMR	25 AWG			95% TC							5	1.2	3.8
	CEC:	Solid TC			Serve							50	3.7	12.1
	CMG	129.2 Ω/km*			17.7 Ω/km***							100	4.9	16.1
		111.5 Ω/km**										200	6.7	22.0
												400	9.5	31.2


Nominal Delay: 4.068 ns/m • Color Code: see chart 1

Pulling Tension:

1277R	3 Coax	† 500	152	25.5	11.6					0.320	8.13				400 N
		† 1000	305	48.0	21.8										
1278R	4 Coax	250	76	21.8	9.9					0.351	8.92				489 N
		† 500	152	31.5	14.3										
		† 1000	305	60.0	27.2										
1279R	5 Coax	† 500	152	40.5	18.4					0.403	10.24				578 N
		† 1000	305	80.0	36.3										
1280R	6 Coax	† 500	152	44.0	20.0					0.423	10.74				601 N
		† 1000	305	87.0	39.5										

23 AWG • Solid 0.6 mm Tinned Copper • Duofoil® • 95% Tinned Copper Braid (Coaxes)

Gas-Injected Foam HDPE Insulation • Overall Matte Black PVC Jacket

HDTV/SDI Digital Video 75°C  1855A Bundled 0.6/2.6	NEC:	0.58 mm	0.100	2.55	Duofoil®	0.159	4.03	75	83%	16.5	54.1	1	0.4	1.3
	CMR	23 AWG			+ 95% TC							3.6	0.8	2.6
	CEC:	Solid TC			Braid							10	1.2	3.9
	CMG FT4	90.8 Ω/km*			24.9 Ω/km***							270	5.4	17.7
		65.9 Ω/km**										360	6.2	20.3
												750	9.5	31.2

Nominal Delay: 4.068 ns/m • Sweep tested. 5 MHz to 3 GHz. • Color Code: see chart 2

Pulling Tension:

7787A	3 Coax	500	152	47.5	21.5					0.432	10.97				480 N
		1000	305	94.0	42.6										
7788A	4 Coax	1000	305	110.0	49.9					0.481	12.22				640 N
7789A	5 Coax	500	152	73.0	33.1					0.539	13.69				801 N
		1000	305	142.0	64.4										
7790A	6 Coax	500	152	88.5	40.1					0.597	15.16				961 N
		1000	305	176.0	79.8										
7791A	10 Coax	500	152	155.5	70.5					0.796	20.22				1601 N
		1000	305	304.0	137.9										
7792A	12 Coax	500	152	178.5	81.0					0.825	20.96				1922 N
		1000	305	367.0	166.5										

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • TC = Tinned Copper • FPFA = Foam Perfluoroalkoxy • HDPE = High-density Polyethylene • DCR = DC resistance • † Spools are one piece, but length may vary ±10% from length shown. • Duobond® see technical information page 23.13.

Color Code (Chart 1)

Cond.	Color	Cond.	Color	Cond.	Color
1	Red	3	Blue	5	Black
2	Green	4	Yellow	6	White

Color Code (Chart 2)

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
								11	Pink
								12	Tan



For more information, contact Belden Technical Support +31-77-3875-414 • www.belden-emea.com

HDTV/SDI Digital Coax

RGB Component Video Multicore Cables

Banana Peel® Unjacketed Bundles



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.	dB/ 100 m

25 AWG • Solid 0.5 mm Tinned Copper • Duobond® • 95 % Tinned Copper Interlocked Serve Braid (Coaxes) • Banana Peel® Unjacketed, Bonded to Central Spline

Foam HDPE Insulation • PVC Jackets in Colors

<p>HDTV/SDI Digital Video 75°C</p>	NEC:	0.46 mm	0.074	1.88	Duobond®	0.114	2.90	75	80%	17.0	55.8	5	1.2	3.8
	CMR	25 AWG			95% TC							50	3.7	12.1
	CEC:	Solid TC			Serve							100	4.9	16.1
	CMG	129.2 Ω/km*			17.7 Ω/km***							200	6.7	22.0
		111.5 Ω/km**										400	9.5	31.2
												750	13.4	44.0
											900	15.0	49.2	
											1000	15.8	51.8	

Miniature
0.5/1.9

Pulling Tension:

1281S3 3 Coax	† 500	152	17.0	7.7		0.246	6.25										400 N
	† 1000	305	31.0	14.1													
1281S4 4 Coax	† 500	152	23.5	10.7		0.275	6.99										489 N
	† 1000	305	44.0	20.0													
1281S5 5 Coax	† 250	76	16.0	7.3		0.308	7.82										578 N
	† 500	152	28.5	12.9													
	† 1000	305	55.0	24.9													
1281S6 6 Coax	† 500	152	33.5	15.2		0.342	8.69										601 N
	† 1000	305	68.0	30.8													

100% Sweep tested. 5 MHz to 850 MHz. Patent pending.

Nominal Delay: 4.068 ns/m
Color Code: see chart 1

23 AWG • Solid 0.6 mm Bare Copper • Duofoil® • 95 % TC Braid (Coaxes) • Banana Peel® Unjacketed, Bonded to Central Spline

Gas-Injected Foam HDPE Insulation • PVC Jacket

<p>HDTV/SDI Digital Video 75°C</p>	NEC:	0.58 mm	0.102	2.59	Duofoil®	0.159	4.04	75	82%	16.3	53.5	1	0.4	1.3
	CMR	23 AWG			+ 95% TC							3.6	0.8	2.6
	CEC:	Solid BC			Braid							10	1.2	3.9
	CMG	90.8 Ω/km*			24.9 Ω/km***							360	6.2	20.3
		65.9 Ω/km**										750	9.6	31.5
												1000	10.5	34.4
											2000	15.1	49.5	
											2250	16.0	52.5	
											3000	18.5	60.7	
											4500	22.8	74.8	

1855A Bundled
0.6/2.6

Pulling Tension:

1855S3 3 Coax	500	152	29.5	13.4		0.343	8.71										480 N
	1000	305	57.1	25.9													
1855S5 5 Coax	500	152	51.5	23.4		0.429	10.90										800 N
	1000	305	102.1	46.3													
1855S6 6 Coax	500	152	64.1	29.1		0.477	12.12										960 N
	1000	305	121.1	54.9													

Return loss at 5-625 MHz: ≥ 20 dB
625-675 MHz: ≥ 15 dB
675-850 MHz: ≥ 20 dB
850-4500 MHz: ≥ 15 dB

Nominal Delay: 4.068 ns/m
100% Sweep tested. 5 MHz to 5 GHz.
152 m put-up available in Black only.
Color Code: see chart 2

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • TC = Tinned Copper • BC = Bare Copper
† Spools are one piece, but length may vary ±10% from length shown. • Duofoil® and Duobond® see technical information page 23.13.

Color Code (Chart 1)

Cond.	Color	Cond.	Color	Cond.	Color
1	Red	3	Blue	5	Black
2	Green	4	Yellow	6	White

Color Code (Chart 2)

Cond.	Color	Cond.	Color	Cond.	Color
1	Red	3	Blue	5	Yellow
2	Green	4	White	6	Brown



For more information, contact Belden Technical Support +31-77-3875-414 • www.belden-emea.com