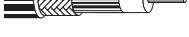


Precision Video Cable for Analog and Digital

Sub-Miniature RG-59/U Type



Description	Part No.	UL NEC/ C(UL) CEC Type	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/ 100 Ft.	dB/ 100m	
28.5 AWG Solid .012" Bare Copper Conductor • Duobond® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)																				
Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																				
DigiTruck®	179DT new	NEC:	500 ▲	152.4	5.0	2.3	28.5 AWG	.056	1.42	Duobond	.100	2.54	75	77%	17.4	57.4	1	1.2	3.9	
SDI/HDTV		CMR	1000	304.8	8.0	3.6	(solid)			(100%)							5	1.9	6.1	
Digital Video		CEC:					.012"			+ TC Braid							10	2.4	7.8	
75°C		CMG FT4					BC			(95% Cov.)								67.5	5.9	19.3
							108Ω/M'			8.9Ω/M'								71.5	6.0	19.6
						350Ω/km			29.2Ω/km								100	6.9	22.6	
																	135	7.9	25.8	
																				
100% Sweep Tested to 3 GHz. Guaranteed Return Loss: -21dB Min.																				
																	270	10.8	35.4	
																	360	12.5	41.0	
																	540	15.4	50.5	
																	720	17.9	58.7	
																	750	18.3	60.0	
																	1000	21.3	69.9	
																	1500	26.3	86.3	
																	2000	30.8	101.1	
																	2250	32.8	107.6	
																	3000	38.3	125.7	

▲500 ft. put-up available in Black only.

▲500 ft. put-up available in Black only.

25 AWG Stranded (19x37) .021" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																			
SDI/HDTV	1865A	NEC:	1000	304.8	14.0	6.4	25 AWG	.094	2.39	Duofoil	.150	3.81	75	82%	16.5	54.1	1	.5	1.5
Digital Video		CMR					(19x37)			(100%)							3.6	1.0	3.1
75°C		CEC:					.021"			+ TC Braid							10	1.6	5.2
		CMG FT4					BC			(95% Cov.)							71.5	3.7	12.1
							27.4Ω/M'			5.4Ω/M'							135	5.0	16.4
							89.9Ω/km			17.7Ω/km							270	7.1	23.3
																	360	8.2	26.9
																	540	10.1	33.1
																	720	11.8	38.7
																	750	12.0	39.4
																	1000	13.9	45.6
																	1500	17.0	55.8
																	2250	20.8	68.2
																	3000	24.0	78.7

23 AWG Solid .023" Bare Copper Conductor • Duofoil (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																			
SDI/HDTV	1855A	NEC:	500 ▲	152.4	9.0	4.1	23 AWG	.102	2.59	Duofoil	.159	4.03	75	82%	16.3	53.5	1	.4	1.3
Digital Video		CMR	1000	304.8	16.0	7.3	(solid)			(100%)							3.6	.8	2.6
75°C		CEC:					.023"			+ TC Braid							10	1.2	3.9
		CMG FT4					BC			(95% Cov.)							71.5	3.1	10.0
							20.1Ω/M'			7.6Ω/M'							135	3.8	12.5
							65.9Ω/km			24.9Ω/km							270	5.4	17.7
																	360	6.2	20.3
																	540	7.7	25.3
																	720	9.5	31.1
																	750	9.6	31.5
																	1000	10.5	34.4
																	1500	13.0	42.6
																	2250	16.0	52.5
																	3000	18.5	60.7

▲500 ft. put-up available in Black only.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

*Available in Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black.

Precision Video Cable for Analog and Digital

RG-59/U Type and

Double Braided RG-59/U Type



Description	Part No.	UL NEC/ C(UL) CEC Type	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/ 100 Ft.	dB/ 100m

20 AWG Solid .032" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*

SDI/HDTV	1505A	NEC:	500*	152.4	15.5	7.0	20 AWG	.145	3.68	Duofoil	.233	5.92	75	83%	16.3	53.5	1	.3	1.0
Digital Video		CMR	1000*	304.8	35.0	15.9	(solid)			+ 95%							3.6	.6	1.8
75°C		CEC:	5000*	1524.0	165.0	74.8	.032"			TC Braid							10	.9	2.9
		CMG FT4					BC			3.8Ω/M'							71.5	2.1	6.9
							10.0Ω/M'			12.5Ω/km							135	2.7	8.9
							32.8Ω/km										270	3.8	12.5
																	360	4.4	14.4
																	540	5.5	18.0
																	720	6.4	21.0
																	750	6.5	21.3
																	1000	7.6	24.9
																	1500	9.3	30.5
																	2250	11.6	38.0
																	3000	13.4	44.0

*500 ft. put-up available in Black, Red or Blue only.

•1000 ft. and 5000 ft. put-ups available in all ten colors: Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black.

Plenum • Foam FEP Teflon® Insulation • Flamarrest® Jacket (Available in 10 colors)*

SDI/HDTV	1506A	NEC:	500*	152.4	14.5	6.6	20 AWG	.133	3.38	Duofoil	.196	4.98	75	84%	16.1	52.8	1	.3	1.0
Digital Video		CMR	1000	304.8	29.0	13.2	(solid)			+ 95%							3.6	.6	2.0
75°C		CEC:					.032"			TC Braid							10	1.1	3.4
		CMPT FT6					BC			3.2Ω/M'							71.5	2.3	7.4
							10.0Ω/M'			10.5Ω/km							135	3.2	10.5
							32.8Ω/km										270	4.6	14.9
																	360	5.3	17.2
																	540	6.4	21.0
																	720	7.3	23.9
																	750	7.5	24.6
																	1000	9.4	30.8
																	1500	12.8	42.0
																	2250	17.5	57.4
																	3000	21.9	71.8

*500 ft. put-up available in Black or Natural only.

•1000 ft. put-up available in all ten colors: Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, Natural or Black.

22 AWG Stranded (7x29) .031" Bare Compacted Copper Conductor* • Tinned Copper/Bare Copper Double Braid Shield (98% Coverage)

Polyethylene Insulation • PVC Jacket (Matte Red, Blue, Green, Gray or Black)

High-Flex	8281F	—	500*	152.4	34.5	15.7	22 AWG	.198	4.90	TC Double	.305	7.75	75	66%	21.0	68.9	1	.3	.9
60°C			1000	304.8	67.0	30.4	(7x29)			Braid							3.6	.5	1.7
							.031"			98% Shield							10.0	.9	2.9
							BCC			Coverage							71.5	2.5	8.0
							12.2Ω/M'			1.7Ω/M'							135	3.6	11.6
							40.0Ω/km			5.6Ω/km							270	5.1	16.7
																	360	6.0	19.7
																	540	7.4	24.3
																	720	8.7	28.5
																	750	8.9	29.2
																	1000	10.5	34.4

*500 ft. put-up available in Black only.

22 AWG Stranded (7x29) .031" Bare Compacted Copper Conductor* • Tinned Copper/Bare Copper Double Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Matte Black, Red, Green, Blue, Yellow, White, Orange or Purple)

High-Flex	1505F	NEC:	1000	304.8	45.0	20.4	22 AWG	.145	3.68	TC Double	.242	6.15	75	80%	17.0	55.7	1	.2	.7
SDI/HDTV		CM					(7x29)			Braid							3.6	.5	1.6
Video Patch		CEC:					.031"			95% Shield							10	.9	2.9
75°C		CM					BCC			Coverage							71.5	2.5	8.2
							12.2Ω/M'			2.4Ω/M'							135	3.5	11.5
							40.0Ω/km			7.8Ω/km							270	5.1	16.7
																	360	6.0	19.7
																	540	7.4	24.3
																	720	8.7	28.5
																	750	8.9	29.2
																	1000	10.5	34.4
																	1500	13.3	43.6
																	2250	16.9	55.4
																	3000	20.3	66.6

*Compacted conductor combines impedance uniformity of solid conductors and "nick-resistance" of stranded conductor.

BC = Bare Copper • BCC = Bare Compacted Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

Teflon is a DuPont trademark.

BELDEN

For more information, contact **Belden Technical Support: 1-800-BELDEN-1 • www.belden.com**

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Precision Video Cable for Analog and Digital

Low Loss Serial Digital Coax

RG-6/U and RG-11/U Type



Description	Part No.	UL NEC/ C(UL) CEC Type	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/ 100 Ft.	dB/ 100m

RG-6/U Type • 18 AWG Solid .040" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*

SDI/HDTV	1694A	NEC:	500 [▲]	152.4	20.5	9.3	18 AWG	.180	4.57	Duofoil	.274	6.96	75	82%	16.2	53.1	1	.2	.8
Digital Video		CMR	1000	304.8	45.0	20.5	(solid)			+ 95%							3.6	.5	1.5
75°C		CEC:	4500	1371.6	202.5	91.9	.040"			TC Braid							10	.7	2.4
		CMG FT4					BC			2.8Ω/M'							71.5	1.6	5.2
							6.4Ω/M'			9.2Ω/km							135	2.1	6.9
							21.0Ω/km										270	3.0	9.7
																	360	3.4	11.3
																	540	4.3	13.9
																	720	4.9	16.1
																	750	5.0	16.4
																	1000	5.9	19.3
																	1500	7.3	24.0
																	2250	9.1	30.0
																	3000	10.7	35.0

*500 ft. put-up available in Black only.

Gas-injected Foam HDPE Insulation • Black Low-Smoke, Zero-Halogen Jacket

SDI/HDTV	1694SB	NEC:	1000	304.8	46.0	20.9	18 AWG	.180	4.57	Duofoil	.274	6.96	75	82%	16.2	53.1	1	.2	.8
Digital Video	new	CMG-LS					(solid)			+ 95%							3.6	.5	1.5
75°C		CEC:					.040"			TC Braid							10	.7	2.4
		CMG-LS FT4					BC			2.8Ω/M'							71.5	1.6	5.2
		Limited Smoke					6.4Ω/M'			9.2Ω/km							135	2.1	6.9
							21.0Ω/km										270	3.0	9.7
																	360	3.4	11.3
																	540	4.3	13.9
																	720	4.9	16.1
																	750	5.0	16.4
																	1000	5.9	19.3
																	1500	7.3	24.0
																	2250	9.1	30.0
																	3000	10.7	35.0

SDI/HDTV	1695A	NEC:	500 [•]	152.4	20.5	9.3	18 AWG	.170	4.32	Duofoil	.234	5.94	75	82%	16.2	53.1	1	.2	.8
Digital Video		CMP	1000	304.8	45.0	20.5	(solid)			+ 95%							3.6	.5	1.5
75°C		CEC:					.040"			TC Braid							10	.8	2.5
		CMP FT6					BC			2.8Ω/M'							71.5	1.8	5.8
							6.4Ω/M'			9.2Ω/km							135	2.4	7.9
							21.0Ω/km										270	3.4	11.2
																	360	4.0	13.1
																	540	5.2	17.1
																	720	6.1	20.0
																	750	6.2	20.3
																	1000	7.3	23.9
																	1500	9.2	30.2
																	2250	11.6	38.0
																	3000	13.7	44.9

Black jacket suitable for Indoor, Outdoor and Aerial applications.

*500 ft. put-up available in Black or Natural only.

RG-11/U Type • 14 AWG Solid .064" Bare Copper Conductor • Duofoil (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*

SDI/HDTV	7731A	NEC:	500 [•]	152.4	46.5	21.1	14 AWG	.280	7.11	Duofoil	.400	10.2	75	85%	16.0	52.4	1	.2	.5
Digital Video		CMP	1000	304.8	95.0	43.1	(solid)			+ 95%							3.6	.3	1.0
75°C		CEC:	4000	1219.2	388.0	176.0	.064"			TC Braid							10	.5	1.5
		CMG FT4					BC			1.5Ω/M'							71.5	1.1	3.6
							2.5Ω/M'			4.9Ω/km							135	1.5	4.8
							8.2Ω/km										270	2.1	6.9
																	360	2.5	8.0
																	540	3.1	10.0
																	720	3.6	11.7
																	750	3.7	12.0
																	1000	4.3	14.1
																	1500	5.5	18.0
																	2250	6.9	22.6
																	3000	8.2	26.9

*500 ft. put-up available in Red or Black only.

Plenum • Foam FEP Teflon Insulation • Fluorocopolymer Jacket (Available in 10 colors)**

SDI/HDTV	7732A	NEC:	500 [•]	152.4	45.0	20.5	14 AWG	.274	6.96	Duofoil	.348	8.84	75	83%	16.3	53.5	1	.2	.5
Digital Video		CMP	1000	304.8	90.0	40.8	(solid)			+ 95%							3.6	.3	.9
150°C		CEC:	2000 [▼]	609.6	176.0	80.0	.064"			TC Braid							10	.4	1.3
		CMG FT6					BC			1.6Ω/M'							71.5	1.2	4.1
							2.5Ω/M'			5.3Ω/km							135	1.8	5.8
							8.2Ω/km										270	2.6	8.5
																	360	3.1	10.2
																	540	3.9	12.8
																	720	4.6	15.0
																	750	4.7	15.4
																	1000	5.5	18.0
																	1500	6.9	22.7
																	2250	9.2	30.2
																	3000	10.2	33.5

*500 ft. put-up available in Black or Natural only.

**2000 ft. put-up available in Natural only.

Suitable for Outdoor and Direct Burial applications.

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene • TC = Tinned Copper

Teflon is a DuPont trademark.

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG-U cables not listed.

* Available in Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray or White.

** Available in Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray or Natural.



For more information, contact **Belden Technical Support: 1-800-BELDEN-1 • www.belden.com**

Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr

VideoFLEX® Snake Cable for Precision Digital and Analog

Bundled Miniature and RG-59/U Type



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/ 100 Ft.	dB/ 100m

Miniature • 23 AWG Solid .023" Bare Copper Conductors • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: See chart below)

SDI/HDTV Digital Video 75°C/60°C (UL) (1855A Bundled)	7787A	NEC:	3	500	152.4	47.5	21.6	23 AWG (solid)	.102	2.55	Duofoil + 95%	.432	10.97	75	83%	16.5	54.1	1	.4	1.3
		CMR		1000	304.8	94.0	42.7	.023"	.159	4.03	TC Braid 7.6Ω/M'							3.6	.8	2.6
		CEC:						BC			24.9Ω/km							10	1.2	3.9
		CMG FT4						20.1Ω/M'										71.5	3.1	10.0
								65.9Ω/km										135	3.8	12.5
	7788A	NEC:	4	500	152.4	110.0	49.9	same as above	.102	2.55	same as above	.481	12.22					270	5.4	17.7
		CMR		1000	304.8	142.0	64.4		.159	4.03								360	6.2	20.3
		CEC:																540	7.7	25.3
		CMG FT4																720	9.1	29.8
																		750	9.5	31.2
	7789A	NEC:	5	500	152.4	73.0	33.1	same as above	.102	2.55	same as above	.539	13.69					1000	10.5	34.4
		CMR		1000	304.8	142.0	64.4		.159	4.03								1500	13.0	42.6
		CEC:																2500	16.9	55.4
		CMG FT4																3000	18.5	60.7
	7790A	NEC:	6	500	152.4	88.5	40.2	same as above	.102	2.55	same as above	.597	15.16							
		CMR		1000	304.8	176.0	79.8		.159	4.03										
		CEC:																		
		CMG FT4																		
	7791A	NEC:	10	500	152.4	155.5	70.5	same as above	.102	2.55	same as above	.796	20.22							
		CMR		1000	304.8	304.0	137.9		.159	4.03										
		CEC:																		
		CMG FT4																		
	7792A	NEC:	12	500	152.4	178.5	81.0	same as above	.102	2.55	same as above	.825	20.96							
		CMR		1000	304.8	367.0	166.5		.159	4.03										
		CEC:																		
		CMG FT4																		

Sweep tested 5 MHz to 3 GHz.

RG-59/U Type • 20 AWG Solid .032" Bare Copper Conductors • Duofoil (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: See chart below)

SDI/HDTV Digital Video 75°C/60°C (UL) (1505A Bundled)	7794A	NEC:	3	500	152.4	94.5	43.0	20 AWG (solid)	.145	3.68	Duofoil + 95%	.631	16.03	75	83%	16.2	53.1	1	.3	1.0
		CMR		1000	304.8	187.0	84.8	.032"	.235	5.97	TC Braid 3.8Ω/M'							3.6	.6	1.8
		CEC:						BC			12.5Ω/km							10	.9	2.9
		CMG FT4						10.0Ω/M'										71.5	2.1	6.9
								32.8Ω/km										135	2.7	8.9
	7795A	NEC:	4	500	152.4	116.5	53.0	same as above	.145	3.68	same as above	.706	17.93					270	3.8	12.5
		CMR		1000	304.8	237.0	107.7		.235	5.97								360	4.4	14.4
		CEC:																540	5.5	18.0
		CMG FT4																720	6.4	21.0
																		750	6.5	21.3
	7796A	NEC:	5	500	152.4	153.0	69.4	same as above	.145	3.68	same as above	.790	20.07					1000	7.6	24.9
		CMR		1000	304.8	299.0	135.6		.235	5.97								1500	9.4	30.8
		CEC:																2500	12.4	40.7
		CMG FT4																3000	13.8	45.3
	7798A	NEC:	10	500	152.4	319.5	145.2	same as above	.145	3.68	same as above	1.166	29.62							
		CMR		1000	304.8	625.0	284.1		.235	5.97										
		CEC:																		
		CMG FT4																		

Sweep tested 5 MHz to 3 GHz.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

See Connector Reference Guide at www.belden.com for connector recommendations.

Color Code Chart

Cond.	Color	Cond.	Color	Cond.	Color
1	Red	5	Yellow	9	Purple
2	Green	6	Brown	10	Black
3	Blue	7	Orange	11	Pink
4	White	8	Gray	12	Tan

VideoFLEX® Snake Cable for Precision Digital and Analog

RG-59/U and RG-6/U Types



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/ 100 Ft.	dB/ 100m

RG-59/U • 20 AWG Solid .032" Bare Copper Conductors • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Plenum • Foam FEP Insulation • Plenum-Grade PVC Jackets (Color Code: See chart below) • **Center Spline • No Overall Jacket**

[illegible]

Suitable for Indoor and Outdoor applications.

RG-6/U Type • 18 AWG Solid .040" Bare Copper Conductors • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: See chart below)

[illegible]

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of cables not listed. See Connector Reference Guide at www.belden.com for connector recommendations.

Color Code Chart

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

Cond.	Color
6	Brown
7	Orange
8	Gray
9	Purple
10	Black