

Brilliance VideoFLEX® Snake Cable for Precision Analog and Digital Video

RG-6/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

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 Spine • No Overall Jacket**

	300V RMS 1283S3 <small>new</small>	NEC:	3	250	76.2	26.3	11.9	20 AWG	.133	3.38	Duofoil (95%)	.422	10.72	75	83%	16.2	53.1	1	.3	1.0	
		CMP:		500	152.4	54.0	24.5	(solid)			+ TC Braid								3.6	.6	2.0
		CEC:		1000	304.8	103.0	46.7	.032"				3.8Ω/M'							10	.9	2.9
		CMP:						BC				10.0Ω/M'							71.5	2.1	6.9
								32.8Ω/km			12.5Ω/km								135	2.7	8.9
																			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
	1283S5 <small>new</small>	NEC:	5	250	76.2	43.5	19.7	same	.133	3.38	same	.529	13.44					1000	7.6	24.9	
CMP:			500	152.4	88.0	39.9	as			as								1500	9.4	30.8	
CEC:			1000	304.8	174.0	78.9	above			above								2500	12.4	40.7	
		CMP:																3000	13.8	45.3	
	1283S6 <small>new</small>	NEC:	6	250	76.6	59.0	26.8	same	.133	3.38	same	.588	14.94								
CMP:			500	152.4	108.0	49.0	as			as											
CEC:			1000	304.8	209.0	94.8	above			above											
CMP:																					

Sweep tested. 5 MHz to 3 GHz.

U.S. Patent 7,049,523

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)

	SDI/HDTV Digital Video 75°C (1694A Bundled)	7710A	NEC:	3	500	152.4	137.5	62.4	18 AWG	.180	4.57	Duofoil	.770	19.56	75	82%	16.2	53.1	1	.2	.8	
			CMR:		1000	304.8	285.0	129.3	(solid)			Coax OD: + 95%								3.6	.5	1.5
			CEC:						.040"			.275	6.99	TC Braid						10	.7	2.4
			CMG FT4						BC				3.0Ω/M'							71.5	1.6	5.2
								6.4Ω/M'				9.8Ω/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	
	7711A	NEC:	4	500	152.4	179.5	81.4	same	.180	4.57	same	.900	22.86					1000	5.9	19.3		
CMR:			1000	304.8	350.0	158.8	as			Coax OD: as								1500	7.3	24.0		
CEC:							above			.275	6.99	above						2500	9.1	31.8		
		CMG FT4																3000	10.6	35.0		
	7712A	NEC:	5	500	152.4	216.5	98.2	same	.180	4.57	same	.970	24.64									
CMR:			1000	304.8	454.0	205.9	as			Coax OD: as												
CEC:							above			.275	6.99	above										
		CMG FT4																				
	7713A	NEC:	10	500	152.4	463.0	210.0	same	.180	4.57	same	1.386	35.20									
CMR:			1000	304.8	904.0	410.4	as			Coax OD: as												
CEC:							above			.275	6.99	above										
		CMG FT4																				

Sweep tested 5 MHz to 3 GHz.

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 RG/U cables not listed. See Connector Reference Guide at www.belden.com for connector recommendations.

Color Code Chart

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



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

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