

# 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

**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)\*

	75°C	<b>1865A</b>	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				
			CMR				(19x37)			+ 95%										3.6	1.0	3.1		
			CEC:				.021"			TC Braid											10	1.6	5.2	
			CMG FT4				BC			5.4Ω/M'											71.5	3.7	12.1	
								27.4Ω/M'			17.7Ω/km											135	5.0	16.4
								89.9Ω/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			

100% Sweep tested. 5 MHz to 3 GHz.

**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 Digital Video 75°C	<b>1855A</b>	NEC:	500 <sup>▲</sup>	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				
			CMR	1000	304.8	16.0	7.3	(solid)			+ 95%										3.6	.8	2.6	
			CEC:				.023"				TC Braid											10	1.2	3.9
			CMG FT4				BC			7.6Ω/M'												71.5	3.1	10.0
								20.1Ω/M'			24.9Ω/km											135	3.8	12.5
								65.9Ω/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			

Also available in multiples, bundled.  
See 7787A through 7792A.  
100% Sweep tested. 5 MHz to 3 GHz.

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

BC = Bare Copper • DCR = DC Resistance • HDPE = Foam 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.