

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	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	new	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
																	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.

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.