

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 + 95%	.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								2.8Ω/M'	For Plenum version of 1694A, see 1695A.						71.5	1.6	5.2
							BC		9.2Ω/km	Also available in bundled versions. See 7710A through 7713A.							135	2.1	6.9
							6.4Ω/M'			100% Sweep tested. 5 MHz to 3 GHz.							270	3.0	9.7
							21.0Ω/km										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 + 95%	.274	6.96	75	82%	16.2	53.1	1	.2	.8
Digital Video		CMG-LS					(solid)			+ 95%							3.6	.5	1.5
75°C		CEC:					.040"			TC Braid							10	.7	2.4
		CMG-LS FT4 Limited Smoke								2.8Ω/M'	100% Sweep tested. 5 MHz to 4.5 GHz.						71.5	1.6	5.2
							BC		9.2Ω/km								135	2.1	6.9
							6.4Ω/M'										270	3.0	9.7
							21.0Ω/km										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

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

SDI/HDTV	1695A	NEC:	500 [*]	152.4	20.5	9.3	18 AWG	.170	4.32	Duofoil + 95%	.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								2.8Ω/M'	100% Sweep tested. 5 MHz to 3 GHz.						71.5	1.8	5.8
							BC		9.2Ω/km								135	2.4	7.9
							6.4Ω/M'										270	3.4	11.2
							21.0Ω/km										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 + 95%	.400	10.2	75	85%	16.0	52.4	1	.2	.5
Digital Video		CMR	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								1.5Ω/M'	100% Sweep tested. 5 MHz to 3 GHz.						71.5	1.1	3.6
							BC		4.9Ω/km								135	1.5	4.8
							2.5Ω/M'										270	2.1	6.9
							8.2Ω/km										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 + 95%	.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
		CMP FT6								1.6Ω/M'	100% Sweep tested. 5 MHz to 3 GHz.						71.5	1.2	4.1
							BC		5.3Ω/km								135	1.8	5.8
							2.5Ω/M'										270	2.6	8.5
							8.2Ω/km										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

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