

# Precision Video Cable for Analog and Digital

## 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	<b>1694A</b>	NEC:	500 <sup>▲</sup>	152.4	20.5	9.3	18 AWG	.180	4.57	Duofoil + 95%	.275	6.99	75	82%	16.2	53.1	1	2	.8
Digital Video		CMR	1000	304.8	45.0	20.5	(solid)			TC Braid							3.6	.5	1.5
75°C		CEC:	4500	1371.6	202.5	91.9	.040"			2.8Ω/M'							10	.7	2.4
		CMG FT4								9.2Ω/km							71.5	1.6	5.2
							BC			For Plenum version of 1694A, see 1695A.							135	2.1	6.9
							6.4Ω/M'			Also available in bundled versions. See 7710A through 7713A.							270	3.0	9.7
							21.0Ω/km			100% Sweep tested. 5 MHz to 3 GHz.							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	<b>1694SB</b>	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)			TC Braid							3.6	.5	1.5
75°C		CEC:					.040"			2.8Ω/M'							10	.7	2.4
		CMG-LS FT4 Limited Smoke								9.2Ω/km							71.5	1.6	5.2
							BC			100% Sweep tested. 5 MHz to 4.5 GHz.							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 Insulation • Flammarrest® Jacket (Available in 10 colors)\*\*

SDI/HDTV	<b>1695A</b>	NEC:	500 <sup>†*</sup>	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)			TC Braid							3.6	.5	1.5
75°C		CEC:					.040"			2.8Ω/M'							10	.8	2.5
		CMP FT6								9.2Ω/km							71.5	1.8	5.8
							BC			100% Sweep tested. 5 MHz to 3 GHz.							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	24.0
																	1500	9.2	30.2
																	2250	11.6	38.0
																	3000	13.7	44.9

\*500 ft. put-up available in Black or Natural only. Black jacket suitable for Indoor, Outdoor and Aerial applications.

### 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	<b>7731A</b>	NEC:	500 <sup>▼</sup>	152.4	46.5	21.1	14 AWG	.280	7.11	Duofoil + 95%	.405	10.3	75	85%	16.0	52.4	1	2	.5
Digital Video		CMR	1000	304.8	95.0	43.1	(solid)			TC Braid							10	.5	1.5
75°C		CEC:	4000	1219.2	388.0	176.2	.064"			1.5Ω/M'							71.5	1.1	3.6
		CMG FT4								4.9Ω/km							135	1.5	4.8
							BC			100% Sweep tested. 5 MHz to 3 GHz.							270	2.1	6.9
							2.5Ω/M'										360	2.5	8.0
							8.2Ω/km										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 Insulation • Fluorocopolymer Jacket (Available in 10 colors)\*\*

SDI/HDTV	<b>7732A</b>	NEC:	500 <sup>•</sup>	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	40.9	(solid)			TC Braid							10	.4	1.3
150°C		CEC:	2000 <sup>+</sup>	609.6	176.0	80.0	.064"			1.6Ω/M'							71.5	1.2	4.1
		CMP FT6								5.3Ω/km							135	1.8	5.8
							BC			100% Sweep tested. 5 MHz to 3 GHz.							270	2.6	8.5
							2.5Ω/M'										360	3.1	10.2
							8.2Ω/km										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

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

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

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

† Final put-up length may vary ±10% for spools or reels and ±5% for Unreel cartons from length shown.



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