

# Standard Analog Video Cable

## RG-6/U and RG-11/U Types



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 • 18 AWG** Stranded (7x26) .048" Tinned Copper Conductor • Bare Copper Braid Shield (97% Coverage)

<b>Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket</b>																			
80°C	<b>8238</b>	NEC: CM	500	152.4	59.0	26.8	18 AWG (7x26)	.285	7.24	BC Braid 97% Shield	.405	10.29	75	67%	20.5	67.2	1	.2	.6
		CEC: CM	1000	304.8	117.0	53.1	.048" TC			Coverage 1.2Ω/M' 3.9Ω/km							10	.7	2.2
							6.1Ω/M' 20.0Ω/km										50	1.3	4.3
																	100	2.0	6.6
																	200	2.9	9.5
																	400	4.2	13.8
																	700	5.8	19.0
																	900	6.8	22.3
																	1000	7.1	23.3

Suitable for Indoor and Outdoor applications.

**Polyethylene Insulation • Black PVC Jacket**

60°C	<b>8261</b>	CEC: CXC	500	152.4	52.5	23.9	18 AWG (7x26)	.285	7.24	BC Braid 97% Shield	.405	10.29	75	66%	20.5	67.2	1	.2	.6
VW-1			1000	304.8	104.0	47.3	.048" TC			Coverage 1.2Ω/M' 3.9Ω/km							10	.7	2.2
							6.1Ω/M' 20.0Ω/km										50	1.3	4.3
																	100	2.0	6.6
																	200	2.9	9.5
																	400	4.2	13.8
																	700	5.8	19.0
																	900	6.8	22.3
																	1000	7.1	23.3

Suitable for Indoor and Outdoor applications.

**Composite • Coax: 18 AWG** Solid BC Cond. w/BC Braid Shield (95% Coverage) • **Power: 18 AWG** Stranded (7x26) BC Conductor UTP

<b>Foam Polyethylene Insulation (Coax) • Polypropylene Insulation (Pair) • Black Low-Smoke, Zero-Halogen Jacket</b>																			
Siamese 300V RMS	<b>1306SB</b>	NEC: CMG-LS	500	152.4	37.0	16.8	18 AWG (solid)	.180	4.57	Coax: 95% BC Braid	.275	6.99	75	83%	16.3	53.5	1	.2	.7
	<b>new</b>	CEC: CMG-LS FT4 Limited Smoke	1000	304.8	76.0	34.5	.040" BC			Pair: 3.1Ω/M' 10.2Ω/km	.514	13.06					10	.6	2.1
							6.4Ω/M' 21.0Ω/km			(Color Code: Black & Red)							50	1.5	4.8
																	100	2.1	6.9
																	200	3.0	9.8
																	400	4.3	14.1
																	700	5.8	19.0
																	900	6.7	22.0
																	1000	7.1	23.3

**RG-11/U • 14 AWG** Solid .064" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (60% Coverage)

<b>Gas-injected Foam HDPE Insulation • Black PVC Jacket</b>																			
80°C	<b>9292</b>	—	1000	304.8	75.0	34.0	14 AWG (solid)	.280	7.11	Duofoil + 60% TC Braid	.405	10.29	75	84%	16.1	52.8	1	.2	.6
							.064" BC			3.0Ω/M' 9.8Ω/km							10	.5	1.6
							2.6Ω/M' 8.5Ω/km										50	.9	3.0
																	100	1.3	4.3
																	200	1.6	5.3
																	400	2.3	7.6
																	700	3.3	10.8
																	900	4.0	13.1
																	1000	4.3	14.1

Suitable for Indoor and Outdoor applications.

**RG-11/U • 14 AWG** Solid .064" Bare Copper Conductor • Duofoil (100% Coverage) + Tinned Copper Braid Shield (63% Coverage)

<b>Plenum • Foam FEP Insulation • Black FEP Jacket</b>																			
200°C	<b>89292</b>	NEC: CMP	500	152.4	40.5	18.4	14 AWG (solid)	.274	6.96	Duofoil + 63% TC Braid	.346	8.79	75	83%	16.2	53.1	1	.2	.5
		CATVP	1000	304.8	81.0	36.7	.064" BC			3.0Ω/M' 9.8Ω/km							10	.4	1.3
		CEC: CMP FT6					2.5Ω/M' 8.2Ω/km										50	1.0	3.3
																	100	1.5	4.9
																	200	2.2	7.2
																	400	3.3	10.8
																	700	4.5	14.8
																	900	5.2	17.1
																	1000	5.5	18.0

**RG-11/U • 14 AWG** Solid .064" Bare Copper Conductor • Bare Copper Braid Shield (97% Coverage)

<b>Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket</b>																			
80°C	<b>8213</b>	—	500	152.4	44.0	20.0	14 AWG (solid)	.285	7.24	BC Braid 97% Shield	.405	10.29	75	84%	16.1	52.8	1	.2	.6
			1000	304.8	87.0	39.5	.064" BC			Coverage 1.1Ω/M' 3.6Ω/km							10	.4	1.1
			2000	609.6	172.0	78.2	2.6Ω/M' 8.5Ω/km										50	.9	3.0
																	100	1.3	4.3
																	200	1.9	6.2
																	400	2.9	9.5
																	700	4.1	13.5
																	900	4.8	15.7
																	1000	5.2	17.1

Suitable for Indoor and Outdoor 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.



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

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