

# Standard Analog Video Cable

RG-6/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

**21 AWG Solid .028" Bare Copper-covered Steel Conductor • Double Bare Copper Braid Shields (98% Coverage)**

**Polyethylene Insulation • Black Polyethylene Jacket**

MATV Cable 80°C	<b>8215</b>	—	1000	304.8	74.0	33.6	21 AWG (solid) .028" BCCS 32.0Ω/M' 105.0Ω/km	.185	4.70	(2) BC Braids 98% Shield Coverage 1.1Ω/M' 3.6Ω/km	.332	8.43	75	66%	20.5	67.2	1	4	1.3
																	10	8	2.6
																	50	1.9	6.2
																	100	2.7	8.9
																	200	4.1	13.4
																	400	5.9	19.4
																	700	8.1	26.6
																	900	9.4	30.8
																	1000	9.8	32.1



**18 AWG Solid .037" Bare Copper Conductor • Double Bare Copper Braid Shields (98% Coverage)**

**Foam Polyethylene Insulation • Black PVC Jacket**

80°C	<b>9290</b>	NEC: CM CEC: CM	1000 2000	304.8 609.6	59.0 118.0	26.8 53.6	18 AWG (solid) .037" BC 7.5Ω/M' 24.6Ω/km	.180	4.57	(2) BC Braids 98% Shield Coverage 2.0Ω/M' 7.5Ω/km	.288	7.32	75	81%	17.3	56.7	1	2	.7
																	10	.7	2.3
																	50	1.7	5.6
																	100	2.5	8.2
																	200	3.6	11.8
																	400	5.3	17.4
																	700	7.2	23.6
																	900	8.3	27.2
																	1000	8.8	28.9

Suitable for Indoor and Outdoor applications.

**18 AWG Solid .040" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (65% Coverage)**

**Plenum • Foam FEP Insulation • Black FEP Jacket**

200°C	<b>89248</b>	NEC: CMP CEC: CMP FT6	500† 1000† 2000†	152.4 304.8 609.6	15.0 33.0 64.0	6.8 15.0 29.0	18 AWG (solid) .040" BC 6.4Ω/M' 21.0Ω/km	.170	4.32	Duofoil + 65% TC Braid 5.1Ω/M' 16.7Ω/km	.222	5.64	75	82%	16.5	50.3	1	3	1.0
																	10	.66	2.2
																	50	1.5	4.9
																	100	2.1	6.9
																	200	3.1	10.2
																	400	4.5	14.8
																	700	6.0	19.7
																	900	6.9	22.6
																	1000	7.3	23.9

Suitable for Outdoor and Direct Burial applications.

**Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket**

75°C	<b>82248</b>	NEC: CMP CEC: CMP FT6	U-1000† 1000†	U-304.8 304.8	29.0 31.0	13.2 14.1	18 AWG (solid) .040" BC 6.4Ω/M' 21.0Ω/km	.170	4.32	Duofoil + 65% TC Braid 5.1Ω/M' 16.7Ω/km	.222	5.64	75	82%	16.5	50.3	1	3	1.0
																	10	.7	2.3
																	50	1.6	5.2
																	100	2.2	7.2
																	200	3.0	9.8
																	400	4.6	15.1
																	700	6.6	21.6
																	900	7.7	25.3
																	1000	8.2	26.9

**18 AWG Solid .040" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (60% Coverage)**

**Gas-injected Foam HDPE Insulation • Black PVC Jacket**

UL AWM Style 1354 (30V 80°C)	<b>9248</b>	NEC: CM CEC: CM	U-500 500	U-152.4 152.4	16.5 15.0	7.5 6.8	18 AWG (solid) .040" BC 6.4Ω/M' 21.0Ω/km	.180	4.57	Duofoil + 60% TC Braid 5.6Ω/M' 18.4Ω/km	.270	6.86	75	82%	16.2	53.1	1	3	1.0
																	10	.7	2.3
																	50	1.5	4.9
																	100	2.0	6.6
																	200	2.8	9.2
																	400	4.0	13.1
																	700	5.3	17.4
																	900	6.1	20.0
																	1000	6.5	21.3
																	1500	8.3	27.2

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene • TC = Tinned Copper • UTP = Unshielded Twisted Pair  
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.