

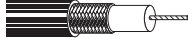
# Standard Analog Video Cable

## 75 Ohm Miniature Coax




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


**30 AWG** Stranded (7x38) .012" Tinned Copper Conductor • Tinned Copper Braid Shield (89% Coverage)


Foam HDPE Insulation • Black PVC Jacket																			
UL AWM	<b>9221</b>	—	100	30.5	1.5	.7	30 AWG	.058	1.47	TC Braid	.097	2.46	75	78%	17.3	56.8	1	.7	2.3
Style 1375			U-500	U-152.4	4.0	1.8	(7x38)			89% Shield							3.6	1.3	4.3
(30V 60°C)			500	152.4	4.0	1.8	.012"			Coverage							4	1.3	4.3
							TC			11.7Ω/M'							5	1.6	5.2
							100.0Ω/M'			38.4Ω/km							7	1.9	6.2
							328.0Ω/km										9	2.1	6.9
																	10	2.2	7.2
																	50	5.1	16.7
																	70	6.1	20.0
																	100	7.3	23.9
																	200	10.5	34.4
																	400	15.5	50.9
																	700	21.5	70.5
																	900	24.8	81.4
																	1000	26.6	87.3

**27 AWG** Stranded (7x35) .017" Bare Copper-covered Steel Conductor • Tinned Copper Braid Shield (93% Coverage)

Polyethylene Insulation • Black PVC Jacket																			
UL AWM	<b>8218</b>	—	U-500	U-152.4	8.5	3.8	27 AWG	.100	2.54	TC Braid	.150	3.81	75	66%	20.5	67.3	1	1.2	3.9
Style 1354			500	152.4	8.0	3.6	(7x35)			93% Shield							10	2.4	7.9
(30V 60°C)			U-1000	U-304.8	16.0	7.3	.017"			Coverage							50	4.2	13.8
			1000	304.8	14.0	6.4	BCCS			5.7Ω/M'							100	5.7	18.7
							120.0Ω/M'			18.7Ω/km							200	8.3	27.2
							393.7Ω/km										400	12.1	39.7
																	700	16.5	54.1
																	900	19.0	62.3
																	1000	20.0	65.6

**Miniature • 25 AWG** Solid .018" Tinned Copper Conductors • Duobond® (100% Coverage) + TC Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • Black PVC Jacket																				
	<b>1281R</b>	NEC:	1	1000	304.8	8.0	3.6	25 AWG	.074	1.88	Duobond	.114	2.90	75	80%	17.0	55.8	1	.5	1.7
	<b>new</b>	CMR					(solid)			(100%)								5	1.2	3.8
		CEC:					.018"			+ 95%								50	3.7	12.1
		CMG					TC			TC Braid								100	4.9	16.1
							34.0Ω/M'			5.4Ω/M'								200	6.7	22.0
							111.6Ω/km			17.7Ω/km								400	9.5	31.2
																		700	13.4	44.0
																		900	15.0	49.2
																		1000	15.8	51.8
																		3000	31.2	102.4

Plenum • FPFA Insulation • Black Flamarrest® Jacket																				
	<b>1282P</b>	NEC:	1	1000	304.8	10.0	4.5	25 AWG	.074	1.88	Duobond	.114	2.90	75	81%	17.0	55.8	1	.4	1.3
	<b>new</b>	CMP					(solid)			(100%)								5	.9	3.0
		CEC:					.018"			+ 95%								50	3.7	12.1
		CMP FT6					TC			TC Braid								100	5.0	16.4
							31.8Ω/M'			5.8Ω/M'								200	7.0	23.0
							104.3Ω/km			19.0Ω/km								400	10.0	32.8
																		700	14.5	47.6
																		900	17.0	55.8
																		1000	17.5	57.4
																		3000	37.0	121.4

BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FPFA = Foam Perfluoroalkoxy • HDPE = High-density Polyethylene • TC = Tinned Copper


# Standard Analog Video Cable

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

**23 AWG Solid .023" Bare Copper or Bare Copper-covered Steel Conductor (see below) • Bare Copper Braid Shield (95% Coverage)**


Polyethylene Insulation • Black PVC Jacket																			
UL AWM	<b>8241</b>	NEC:	100	30.5	4.4	2.0	23 AWG	.146	3.71	BC Braid	.240	6.10	75	66%	20.5	67.3	1	.6	2.0
Style 1354		CM	U-500	U-152.4	19.5	8.9	(solid)			95% Shield							10	1.1	3.6
(30V 75°C)				500	152.4	18.5	8.4	.023"		Coverage							50	2.4	7.9
VW-1				U-1000 <sup>▲</sup>	U-304.8	38.0	17.2	BCCS		2.6Ω/M'							100	3.4	11.2
				1000	304.8	40.0	18.1	49.0Ω/M'		8.5Ω/km							200	4.9	16.1
				2000	609.6	80.0	36.3	160.7Ω/km									400	7.0	23.0
			5000	1524.0	200.0	90.7										700	9.7	31.8	
																900	11.1	36.4	
																1000	12.0	39.4	

For Plenum versions of 8241, see 88241 or 82241.

<sup>▲</sup>U-1000 ft. put-up also available in Red, Yellow, Green, Lt. Blue, White or Orange.

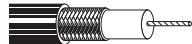
Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM	<b>8241A</b>	NEC:	U-1000	U-304.8	40.0	18.1	23 AWG	.146	3.71	BC Braid	.242	6.15	75	66%	20.5	67.3	1	.6	2.0
Style 1354		CMG	1000	304.8	42.0	19.1	(solid)			95% Shield							5	.9	3.0
(30V 75°C)		CEC:					.023"			Coverage							10	1.1	3.6
		CMG FT4					BCCS			2.6Ω/M'							50	2.4	7.9
							49.0Ω/M'			8.5Ω/km							100	3.4	11.2
							160.7Ω/km										200	4.9	16.1
																400	7.0	23.0	
																700	10.1	33.1	
																900	11.7	38.4	
																1000	13.2	43.3	

Suitable for Indoor and Outdoor applications.


Polyethylene Insulation • Black PVC Jacket																			
UL AWM	<b>8241B</b>	NEC:	U-1000	U-304.8	36.0	16.3	23 AWG	.146	3.71	BC Braid	.242	6.15	75	66%	20.5	67.3	1	.4	1.3
Style 1354		CM	1000	304.8	37.0	16.8	(solid)			95% Shield							10	1.1	3.6
(30V 80°C)		CEC:					.023"			Coverage							50	2.4	7.9
		CM					BC			2.9Ω/M'							100	3.4	11.2
							20.4Ω/M'			9.5Ω/km							200	4.9	16.1
							66.9Ω/km										400	7.0	23.0
																700	9.7	31.8	
																900	11.1	36.4	
																1000	12.0	39.4	

Suitable for Indoor and Outdoor applications.

**22 AWG Stranded (7x30) .030" Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)**


Foam Polyethylene Insulation • PVC Jacket (Available in Matte Black, Red, Blue, Green, White, Gray or Yellow)																			
High-Flex	<b>8241F</b>	—	1000	304.8	35.0	15.9	22 AWG	.146	3.71	BC Braid	.242	6.15	75	78%	17.3	56.8	1	.3	1.0
60°C							(7x30)			95% Shield							10	.9	3.0
							.030"			Coverage							50	2.1	6.9
							BC			2.6Ω/M'							100	3.0	9.8
							15.0Ω/M'			8.5Ω/km							200	4.5	14.8
							49.2Ω/km										400	6.6	21.7
																700	8.9	29.2	
																900	10.1	33.1	
																1000	10.9	35.8	

**23 AWG Solid .023" Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (97% Coverage)**

Plenum • FEP Insulation • Black FEP Jacket																			
200°C	<b>88241</b>	NEC:	500 <sup>†</sup>	152.4	18.0	8.2	23 AWG	.132	3.35	BC Braid	.190	4.83	75	69.5%	19.5	64.0	1	.5	1.6
		CMP	1000 <sup>†</sup>	304.8	36.0	16.3	(solid)			97% Shield							10	1.0	3.3
		CEC:					.023"			Coverage							50	2.3	7.5
		CMP FT6					BCCS			2.6Ω/M'							100	3.3	10.8
							49.0Ω/M'			8.5Ω/km							200	5.2	17.1
							160.7Ω/km										400	8.4	27.6
																700	11.6	38.0	
																900	13.8	45.3	
																1000	14.8	48.6	

For Non-Plenum version of 88241, see 8241.

Suitable for Outdoor and Direct Burial applications.

Plenum • FEP Insulation • Natural Flammarrest® Jacket																			
75°C	<b>82241</b>	NEC:	U-500 <sup>†</sup>	U-152.4	18.5	8.4	23 AWG	.134	3.35	BC Braid	.190	4.83	75	69.5%	19.5	64.0	1	.5	1.6
		CMP	U-1000 <sup>†</sup>	U-304.8	36.0	16.3	(solid)			97% Shield							10	1.0	3.3
		CEC:	1000 <sup>†</sup>	304.8	34.0	15.4	.023"			Coverage							50	2.3	7.5
		CMP FT6					BCCS			2.6Ω/M'							100	3.3	10.8
							49.0Ω/M'			8.5Ω/km							200	5.2	17.1
							160.7Ω/km										400	8.4	27.6
																700	11.6	38.0	
																900	13.8	45.3	
																1000	14.8	48.6	

For Non-Plenum version of 82241, see 8241.

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene

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

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



For more information, contact Belden Technical Support: **1-800-BELDEN-1** • [www.belden.com](http://www.belden.com)

# Standard Analog Video Cable

## 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

**22 AWG Solid Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (95% Coverage)**

**Polyethylene Insulation • Black PVC Jacket**

UL AWM Style 1354 (30V 60°C)	<b>8263</b>	NEC: CMX CEC: CMX	U-500 U-1000 1000	U-152.4 U-304.8 304.8	19.5 38.0 39.0	8.2 17.2 17.7	22 AWG (solid) .023"	.146 3.71	BC Braid 95% Shield Coverage	.242 6.15	75 66%	20.5 67.3	1 10 50 100 200 400 700 900 1000	.6 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	2.0 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
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Non-contaminating Black PVC Jacket. Suitable for Indoor and Outdoor applications.

**Foam Polyethylene Insulation • Black PVC Jacket**

75°C	<b>8221</b>	—	U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	18.5 17.0 36.0 37.0	8.2 7.7 16.3 16.8	22 AWG (solid) .025"	.146 3.71	BC Braid 95% Shield Coverage	.242 6.15	80 78%	16.3 53.5	1 10 50 100 200 400 700 900 1000	.4 .9 2.0 2.9 4.1 5.9 7.8 8.8 9.9	1.4 3.0 6.6 9.5 13.5 19.4 25.6 28.9 32.5
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Suitable for Outdoor and Aerial applications when supported by a Messenger Wire.

**22 AWG Solid Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (85% Coverage)**

**Polyethylene Insulation • Black PVC Jacket**

UL AWM Style 1354 (30V 80°C)	<b>9244</b>	NEC: CMX CEC: CMX	U-500 U-1000 1000 3280	U-152.4 U-304.8 304.8 1000.0	18.0 35.0 36.0 118.1	8.2 15.9 16.3 53.8	22 AWG (solid) .025"	.146 3.71	BC Braid 85% Shield Coverage	.242 6.15	75 66%	19.4 63.6	1 10 50 100 200 400 700 900 1000	.6 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	2.0 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
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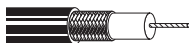


Suitable for Indoor and Outdoor applications.

**22 AWG Stranded (7x30) .030" Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)**

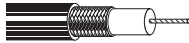
**Foam Polyethylene Insulation • Black PVC Jacket**

UL AWM Style 1354 (30V 60°C) VW-1	<b>9659</b>	NEC: CMX CEC: CMX	U-500 U-1000 1000	U-152.4 U-304.8 304.8	19.0 37.0 38.0	8.6 16.8 17.2	22 AWG (7x30) .030"	.146 3.71	BC Braid 95% Shield Coverage	.242 6.15	75 78%	17.3 56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 8.9 10.1 10.9	1.0 3.0 6.9 9.8 14.8 21.7 29.2 33.1 35.8
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Non-contaminating PVC Jacket. For CCTV applications. Suitable for Indoor and Outdoor applications.

UL AWM Style 1354 (30V 80°C)	<b>9259</b>	NEC: CM CEC: CM	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	4.1 8.2 7.5 15.9 16.8	1.9 8.2 7.5 15.9 16.8	22 AWG (7x30) .030"	.146 3.71	BC Braid 95% Shield Coverage	.241 6.12	75 78%	17.3 56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 8.9 10.1 10.9	1.0 3.0 6.9 9.8 14.8 21.7 29.2 33.1 35.8
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For CCTV applications. Suitable for Indoor and Outdoor applications.

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

200°C	<b>89259</b>	NEC: CMP CEC: CMP FT6	100† 500† 1000†	30.5 152.4 304.8	5.1 16.0 32.0	2.3 7.3 14.5	22 AWG (7x30) .030"	.135 3.43	BC Braid 95% Shield Coverage	.193 4.90	75 78%	17.3 56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 9.0 10.1 11.0	1.0 3.0 6.9 9.8 14.8 21.7 29.5 33.1 36.1
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Suitable for Outdoor and Direct Burial applications.

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

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

75°C	<b>82259</b>	NEC: CMP CEC: CMP FT6	U-1000 1000	U-304.8 304.8	31.0 30.0	14.1 13.6	22 AWG (7x30) .030"	.135 3.43	BC Braid 95% Shield Coverage	.193 4.90	75 78%	17.3 56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 9.0 10.1 11.0	1.0 3.0 6.9 9.8 14.8 21.7 29.5 33.1 36.1
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BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene

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

# Standard Analog Video Cable

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

**20 AWG Solid .032" Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (80% Coverage)**

<b>Foam Polyethylene Insulation • Black PVC Jacket</b>																			
75°C	<b>9240</b>	—	1000	304.8	31.0	14.1	20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km	.143	3.63	BC Braid 80% Shield Coverage 5.6Ω/M' 18.4Ω/km	.241	6.12	75	78%	17.3	56.7	1	.6	2.0
																	10	1.0	3.3
																	50	2.1	6.9
																	100	3.0	9.8
																	200	4.5	14.8
																	400	6.6	21.7
																	700	8.9	29.2
																	900	10.1	33.1
																	1000	10.9	35.8

Suitable for Outdoor applications.

**20 AWG Solid .032" Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (95% Coverage)**

<b>Foam Polyethylene Insulation • Black Polyethylene Jacket</b>																			
80°C	<b>8212</b>	—	U-500	U-152.4	16.5	7.5	20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km	.143	3.63	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.242	6.15	75	78%	17.3	56.7	1	.6	2.0
			500	152.4	15.0	6.8											10	1.0	3.3
			U-1000	U-304.8	31.0	14.1											50	2.1	6.9
			1000	304.8	33.0	15.0											100	3.0	9.8
																	200	4.5	14.8
																	400	6.6	21.7
																	700	8.9	29.2
																	900	10.1	33.1
																	1000	10.9	35.8

Suitable for Outdoor and Aerial applications when supported by a Messenger Wire.

<b>Foam Polyethylene Insulation • Black PVC Jacket</b>																			
80°C	<b>9274</b>	NEC: CM CEC: CM	500	152.4	15.5	7.0	20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km	.143	3.63	BC Braid 95% Shield Coverage 3.5Ω/M' 11.5Ω/km	.240	6.10	75	82%	16.3	53.5	1	.6	2.0
			1000	304.8	35.0	15.9											10	1.0	3.3
																	50	2.1	6.9
																	100	3.0	9.8
																	200	4.5	14.8
																	400	6.6	21.7
																	700	8.9	29.2
																	900	10.1	33.1
																	1000	10.9	35.8

Suitable for Outdoor applications.

**20 AWG Solid .032" Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)**

<b>Gas-injected Foam HDPE Insulation • Black PVC Jacket</b>																			
UL AWM Style 1354 (30V 75°C)	<b>1426A</b>	NEC: CM	U-1000	U-304.8	35.0	15.9	20 AWG (solid) .032" BC 10.0Ω/M' 32.8Ω/km	.145	3.68	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.242	6.15	75	83%	16.3	53.5	1	.3	1.0
																	5	.7	2.1
																	10	.9	3.0
																	50	1.9	6.2
																	100	2.6	8.5
																	200	3.6	11.8
																	400	5.0	16.4
																	700	7.0	23.0
																	900	8.0	26.3
																	1000	8.5	27.9

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

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

# 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"	.185	4.70	(2) BC Braids 98% Shield Coverage	.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	1000	304.8	59.0	26.8	18 AWG (solid) .037"	.180	4.57	(2) BC Braids 98% Shield Coverage	.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	500†	152.4	15.0	6.8	18 AWG (solid) .040"	.170	4.32	Duofoil + 65% TC Braid	.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	U-1000†	U-304.8	29.0	13.2	18 AWG (solid) .040"	.170	4.32	Duofoil + 65% TC Braid	.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	U-500	U-152.4	16.5	7.5	18 AWG (solid) .040"	.180	4.57	Duofoil + 60% TC Braid	.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.



# 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'							10	.7	2.2
							6.1Ω/M'			3.9Ω/km							50	1.3	4.3
							20.0Ω/km										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.

<b>Polyethylene Insulation • Black PVC Jacket</b>																			
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'							10	.7	2.2
							6.1Ω/M'			3.9Ω/km							50	1.3	4.3
							20.0Ω/km										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'	.514	13.06					10	.6	2.1
							6.4Ω/M'	.059	1.59	10.2Ω/km							50	1.5	4.8
							21.0Ω/km										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'							10	.5	1.6
							2.6Ω/M'			9.8Ω/km							50	.9	3.0
							8.5Ω/km										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'							10	.4	1.3
		CEC: CMP FT6					2.5Ω/M'			9.8Ω/km							50	1.0	3.3
							8.2Ω/km										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'							10	.4	1.1
			2000	609.6	172.0	78.2	2.6Ω/M'			3.6Ω/km							50	.9	3.0
							8.5Ω/km										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

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