

Standard Analog Video Cable

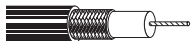
75 Ohm Miniature Coax



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	9221	—	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 (30V 60°C)			U-500	U-152.4	4.0	1.8	(7x38)			89% Shield							3.6	1.3	4.3
			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	8218	—	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 (30V 60°C)			500	152.4	8.0	3.6	(7x35)			93% Shield							10	2.4	7.9
			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**

UL AWM	1281R	NEC: CMR CEC: CMG	1	1000	304.8	8.0	3.6	25 AWG	.074	1.88	Duobond (100%) + 95% TC Braid	.114	2.90	75	80%	17.0	55.8	1	.5	1.7
	new							(solid)										5	1.2	3.8
								.018"										50	3.7	12.1
								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**

UL AWM	1282P	NEC: CMP CEC: CMP FT6	1	1000	304.8	10.0	4.5	25 AWG	.074	1.88	Duobond (100%) + 95% TC Braid	.114	2.90	75	81%	17.0	55.8	1	.4	1.3
	new							(solid)										5	.9	3.0
								.018"										50	3.7	12.1
								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

Brilliance VideoFLEX® Snake Cable for Precision Analog and Digital Video

Miniature and RG-59/U Type



Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	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.

Miniature • 23 AWG Solid .023" Bare Copper Conductors • Duofoil® (100% Coverage) + TC Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: See chart below)																					
SDI/HDTV Digital Video 75°C (1855A Bundled)	7787A	NEC:	3	500	152.4	47.5	21.6	23 AWG (solid) .023" BC	.102	2.55	Duofoil + 95% TC Braid 7.6Ω/M' 24.9Ω/km	.432	10.97	75	83%	16.5	54.1	1	.4	1.3	
		CMR:		1000	304.8	94.0	42.7		Coax OD: .159	4.03		3.6	.8			2.6					
		CEC:																			
		CMG FT4																			
	7788A	NEC:	4	1000	304.8	110.0	49.9	same as above	.102	2.55	same as above	.481	12.22					750	9.5	31.2	
		CMR:																	1000	10.5	34.4
		CEC:																	1500	13.0	42.6
		CMG FT4																	2500	16.9	55.4
																			3000	18.5	60.7
	7789A	NEC:	5	500	152.4	73.0	33.1	same as above	.102	2.55	same as above	.539	13.69								
		CMR:			1000	304.8	142.0	64.4													
		CEC:																			
		CMG FT4																			
	7790A	NEC:	6	500	152.4	88.5	40.2	same as above	.102	2.55	same as above	.597	15.16								
		CMR:			1000	304.8	176.0	79.9													
		CEC:																			
		CMG FT4																			
	7791A	NEC:	10	500	152.4	155.5	70.5	same as above	.102	2.55	same as above	.796	20.22								
		CMR:			1000	304.8	304.0	137.9													
		CEC:																			
		CMG FT4																			
	7792A	NEC:	12	500	152.4	178.5	80.7	same as above	.102	2.55	same as above	.825	20.96								
		CMR:			1000	304.8	367.0	166.5													
		CEC:																			
		CMG FT4																			

Sweep tested 5 MHz to 3 GHz.

RG-59/U Type • 23 AWG Solid .032" Bare Copper Conductors • Duofoil (100% Coverage) + TC Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: See chart below)																				
SDI/HDTV Digital Video 75°C (1505A Bundled)	7794A	NEC:	3	500	152.4	94.5	43.0	23 AWG (solid) .032" BC	.145	3.68	Duofoil + 95% TC Braid 3.8Ω/M' 12.5Ω/km	.631	16.03	75	83%	16.3	53.1	1	.3	1.0
		CMR:		1000	304.8	187.0	84.8		Coax OD: .235	5.97		3.6	.6			1.8				
		CEC:																		
		CMG FT4																		
	7795A	NEC:	4	500	152.4	116.5	53.0	same as above	.145	3.68	same as above	.706	17.93							
		CMR:			1000	304.8	237.0	107.7												
		CEC:																		
		CMG FT4																		
	7796A	NEC:	5	500	152.4	153.0	69.4	same as above	.145	3.68	same as above	.790	20.07							
		CMR:			1000	304.8	299.0	135.6												
		CEC:																		
		CMG FT4																		
	7798A	NEC:	10	500	152.4	319.5	145.2	same as above	.145	3.68	same as above	1.166	29.62							
		CMR:			1000	304.8	625.0	284.1												
		CEC:																		
		CMG FT4																		

Sweep tested 5 MHz to 3 GHz.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

See Connector Reference Guide at www.belden.com for connector recommendations.

Color Code Chart

Cond.	Color	Cond.	Color	Cond.	Color
1	Red	5	Yellow	9	Purple
2	Green	6	Brown	10	Black
3	Blue	7	Orange	11	Pink
4	White	8	Gray	12	Tan



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

Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr

Bundled RGB Cable

Miniature and High-Flex Type



Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	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

Miniature • 30 AWG Stranded (7x38) .012" TC Cond. • Coaxes: Duofoil® (100% Coverage) + TC Braid (90% Cov.) • Overall: Beldfoil® Shield (100% Cov.)

Foam HDPE Insulation • Inner PVC Jackets (Color Code: See Chart Below) • Overall Black PVC Jacket

	UL AWM Style 1354 (30V 60°C)	1520A	NEC: CL2	3	500 1000	152.4 304.8	23.0 50.0	10.4 22.7	30 AWG (7x38) .012" TC 100.0Ω/M' 328.0Ω/km	.056 Coax OD: .102	1.42 2.59	Coaxes: Duofoil + 90% TC Braid Overall: Beldfoil 9.5Ω/M' 31.2Ω/km	.283 7.19	75	78%	17.3	56.7	1 5 10 30 50 100 200 400 700 900 1000	.8 1.5 2.2 4.0 5.4 8.2 12.5 18.9 26.5 30.8 32.8	2.6 4.9 7.2 13.1 17.7 26.9 41.0 62.0 86.9 101.0 107.6	
	1521A	NEC: CL2	4	500 1000	152.4 304.8	31.0 60.0	14.1 27.3	same as above	.056 Coax OD: .102	1.42 2.59	same as above	.310 7.87						900 1000	30.8 32.8	101.0 107.6	
	1522A	NEC: CL2	5	500 1000	152.4 304.8	34.5 67.0	15.6 30.4	same as above	.056 Coax OD: .102	1.42 2.59	same as above	.338 8.59									

High-Flex • 26 AWG Stranded (7x34) .019" Bare Copper Conductors • Duofoil (100% Coverage) + TC Braid Shield (93% Coverage)

Foam HDPE Insulation • Inner PVC Jackets (Color Code: See Chart Below) • Overall Matte Black PVC Jacket

	60°C	1406B	—	3	1000	304.8	79.0	35.8	26 AWG (7x34) .019" BC 41.5Ω/M' 136.0Ω/km	.090 Coax OD: .146	2.29 3.71	Duofoil + 93% TC Braid 8.6Ω/M' 28.2Ω/km	.388 9.86	75	78%	17.3	56.7	1 5 10 30 50 100 200 400 700 900 1000	.6 1.3 1.8 3.1 3.9 5.4 7.5 10.4 13.5 15.2 15.9	2.0 4.3 5.9 10.2 12.8 17.7 24.6 34.1 44.3 49.9 52.2	
	1407B	—	4	1000	304.8	100.0	45.5	same as above	.090 Coax OD: .146	2.29 3.71	same as above	.455 11.56						700 900 1000	13.5 15.2 15.9	44.3 49.9 52.2	
	1417B	—	5	1000	304.8	110.0	49.9	same as above	.090 Coax OD: .146	2.29 3.71	same as above	.477 12.12									

BC = Bare Copper • DCR = DC Resistance • 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 cables not listed.

Color Code Chart

Cond.	Color
1	Red
2	Green
3	Blue
4	White
5	Yellow

Bundled RGB Cable

Banana Peel® Unjacketed Bundles Mini Hi-Res Component Video
CMR and CMP Rated



Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	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

Miniature • 25 AWG Solid .018" TC Conductors • Duobond® (100% Coverage) + TC Interlocked Serve Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jackets (Color Code: See chart below) • **Center Spine • No Overall Jacket**

	1281S3 <small>new</small>	NEC: CMR CEC: CMG	3	500 [†] 1000 [†]	152.4 304.8	17.0 31.0	7.7 14.1	25 AWG (solid) .018" TC 34.0Ω/M' 111.6Ω/km	.074	1.88	Duobond (100%) + TC Serve (95%) 5.4Ω/M' 17.7Ω/km	Single: .114 2.90 Overall: .246 6.25	75	80%	17.0	55.8	1 5 50 100 200 400 750 900 1000 3000	.52 1.2 3.7 4.9 6.7 9.5 13.4 15.0 15.8 31.2	1.7 3.8 12.1 16.1 22.0 31.2 44.0 49.2 51.8 102.4	
	1281S4 <small>new</small>	NEC: CMR CEC: CMG	4	500 [†] 1000 [†]	152.4 304.8	23.5 44.0	10.7 20.0	same as above	.074	1.88	same as above	Single: .114 2.90 Overall: .275 6.99								
	1281S5 <small>new</small>	NEC: CMR CEC: CMG	5*	250 [†] 500 [†] 1000 [†]	76.2 152.4 304.8	16.0 28.5 55.0	7.3 12.9 25.0	same as above	.074	1.88	same as above	Single: .114 2.90 Overall: .308 7.82								
	1281S6 <small>new</small>	NEC: CMR CEC: CMG FT4	6*	500 [†] 1000 [†]	152.4 304.8	33.5 68.0	15.2 30.8	same as above	.074	1.88	same as above	Single: .114 2.90 Overall: .342 8.69								

Plenum • FPFA • Flamarrest® Jackets (Color Code: See chart below) • **Center Spine • No Overall Jacket**

	1282S3 <small>new</small>	NEC: CMP CEC: CMP	3	500 1000	152.4 304.8	18.5 34.0	8.4 15.4	25 AWG (solid) .018" TC 34.0Ω/M' 111.6Ω/km	.075	1.91	Duobond (100%) + TC Serve (95%) 5.4Ω/M' 17.7Ω/km	Single: .114 2.90 Overall: .246 6.25	75	81%	16.8	55.1	1 5 50 100 200 400 750 1000 2250 3000	.50 1.2 3.8 5.2 7.1 10.0 14.3 16.9 25.5 33.9	1.6 3.9 12.1 17.1 23.1 32.9 47.0 55.4 83.6 111.3	
	1282S4 <small>new</small>	NEC: CMP CEC: CMP	4	500 1000	152.4 304.8	25.5 49.0	11.6 22.2	same as above	.075	1.91	same as above	Single: .114 2.90 Overall: .275 6.99								
	1282S5 <small>new</small>	NEC: CMP CEC: CMP	5*	250 500 1000	76.2 152.4 304.8	18.0 33.0 67.0	8.2 15.0 30.4	same as above	.075	1.91	same as above	Single: .114 2.90 Overall: .308 7.82								
	1282S6 <small>new</small>	NEC: CMP CEC: CMP	6*	500 1000	152.4 304.8	39.5 80.0	17.9 36.3	same as above	.075	1.91	same as above	Single: .114 2.90 Overall: .342 8.69								

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

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

[†]Spools are one piece, but length may vary ±10% from length shown.

*Also available with all Black jackets.

Color Code Chart:

Cond.	Color	Cond.	Color
1	Red	4	Yellow
2	Green	5	Black
3	Blue	6	White

Special Audio, Communication and Instrumentation Cable

Miniature Instrumentation and Low Triboelectric Noise 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

Miniature • 28 AWG Solid .013" Tinned Copper Conductor • Bare Copper Braid Shield (90% Coverage)

Polypropylene Insulation • Black PVC Jacket

105°C VW-1	8700	NEC: CMH CEC: CMH FT1	250	76.2	.8	.3	28 AWG (solid) .013" TC 66.9Ω/M' 219.5Ω/km	.023	.58	BC Braid 90% Shield Coverage 28.7Ω/M' 94.2Ω/km	.054	1.37	32	66%	55.2	181.1	1	2.5	8.2
																	10	7.7	25.3
																	50	17.2	56.4
																	100	24.5	80.4
																	200	34.8	114.2
																	400	50.0	164.4
																	700	66.0	216.5
																	900	75.0	246.1
																	1000	79.0	259.2



Low Noise • RG-174/U Type • 26 AWG Stranded (7x34) .019" Bare Copper-covered Steel Conductor • TC Braid Shield (90% Coverage)

Polyethylene Insulation • Conductive Layer • Black PVC Jacket

60°C	9239	—	100	30.5	1.0	.5	26 AWG (7x34) .019" BCCS 97.0Ω/M' 318.3Ω/km	.044	1.12	TC Braid 90% Shield Coverage 14.0Ω/M' 45.9Ω/km	.101	2.57	50	62%	38	125	—	—	—
			500	152.4	4.5	2.0													
			1000	304.8	8.0	3.6													

5mV peak-to-peak max.
Not recommended for RF use.

Low Noise • RG-59/U Type • 22 AWG Solid .025" Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (93% Coverage)

Polyethylene Insulation • Conductive Layer • Black PVC Jacket

75°C VW-1	9224	—	U-500	U-152.4	19.5	8.9	22 AWG (solid) .025" BCCS 54.0Ω/M' 177.0Ω/km	.146	3.71	BC Braid 93% Shield Coverage 2.5Ω/M' 8.2Ω/km	.242	6.15	75	65%	22	72	—	—	—
			1000	304.8	39.0	17.7													

5mV peak-to-peak max.
Not recommended for RF use.

Low Noise • RG-58/U Type • 22 AWG Stranded (7x30) .030" TC Conductor • Duobond® II + TC Braid Shield (95% Coverage)

Polyethylene Insulation • Conductive Layer • Black PVC Jacket

80°C VW-1	9223	—	100	30.5	3.4	1.5	22 AWG (7x30) .030" TC 10.8Ω/M' 35.4Ω/km	.112	2.85	Duobond II* + 95% TC Braid 100% Shield Coverage 4.1Ω/M' 13.5Ω/km	.195	4.95	50	56%	37	122	—	—	—
			500	152.4	12.0	5.4													
			1000	304.8	24.0	10.9													

8mV peak-to-peak max.
Not recommended for RF use.

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

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

*Duobond II = Bonded Duofoil® (100% coverage) + aluminum braid (67% coverage).