

RGB Component Video Cable

Bundled RGB Coaxial Cables

Miniature and High-Flex Type



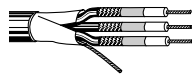
RGB coaxial cables are used for sending red, green and blue signals through separate coaxes in COMPONENT video applications. This type of video transmission provides a sharper, clearer picture than does the composite video format. COMPONENT video and RGB cabling is ideal for use in graphics, animation and computer display applications.

These bundled coaxial cables are available in 3, 4, 5 and 6 conductor versions and are color coded for easy identification. Cable selection depends on whether the component transmission

is RGB (3 conductor), RGB and Sync (4 conductor), or RGB, Sync and Hold (5 conductor). 6 conductor designs are used for digital audio (AES 3id) and SPDIF (Sony-Phillips Digital Interface) applications, and for specialized component video, multi-channel video, or combination applications.

All Belden® RGB cables are pre-timed to less than 5.0 ns/100 ft. delay difference between each coax. This allows for cut-and-connect installation with no TDR or Vectorscope timing required.

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 Conductors • Coax: Duofoil® (100% Cov.) + TC Braid (90% Cov.) • Overall Beldfoil® Shield																					
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	.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	
	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	.089 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	.089 Coax OD: .146	2.29 3.71	same as above	.455 11.56									
	1417B	—	5	1000†	304.8	110.0	49.9	same as above	.089 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.

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

Color Code Chart

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

RGB Component Video Cable

Bundled RGB Coaxial Cables

CM 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		
26 AWG Stranded (7x34) .019" BC Conductors • Duofoil® (100% Coverage) + TC Braid Shield (93% Coverage) • Overall Polyester Tape																						
Foam HDPE Insulation • Inner PVC Jackets (Color Code: See chart below) • Overall Black PVC Jacket																						
UL AWM Styles 1354 and 2668 (30V 60°C)	1164B	NEC: CM	3	500†	152.4	38.0	17.2	26 AWG (7x34) .019" BC 41.5Ω/M' 136.1Ω/km	.089	2.29	Duofoil + 93% TC Braid 8.6Ω/M' 28.2Ω/km	.388	9.86	75	78%	17.3	56.7	1	.6	2.0		
				1000†	304.8	78.0	35.5		Coax OD:										5	1.3	4.3	
										.146		3.71								10	1.8	5.9
																				30	3.1	10.2
																				50	3.9	12.8
																	100	5.4	17.7			
																		200	7.5	24.6		
																		400	10.4	34.1		
																		700	13.5	44.3		
																		900	15.2	49.9		
																		1000	15.9	52.2		
	1167B	NEC: CM	4	1000†	304.8	105.0	47.7	same as above	.089	2.29	same as above	.455	11.56									
	1418B	NEC: CM	5	500†	152.4	61.5	27.9	same as above	.089	2.29	same as above	.477	12.12									
				1000†	304.8	119.0	54.0	same as above	.146	3.71	same as above											

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

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

Color Code Chart

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

RGB Component Video Cable

Miniature Hi-Res Component Video Cables

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" Tinned Copper Conductors • Duobond® (100% Coverage) + TC Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • Black PVC Jacket

	1281R <small>new</small>	NEC: CMR CEC: CMG	1	1000	304.8	8.0	3.6	25 AWG (solid) .018" TC 34.0Ω/M' 111.6Ω/km	.074	1.88	Duobond (100%) + TC Braid 5.4Ω/M' 17.7Ω/km	.114	2.90	75	80%	17.0	55.8	1	.5	1.7	
																		5	1.2	3.8	
																			50	3.7	12.1
																			100	4.9	16.1
																			200	6.7	22.0
																			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 • PFPA Insulation • Black Flamarrest® Jacket

	1282P <small>new</small>	NEC: CMP CEC: CMP FT6	1	1000	304.8	10.0	4.5	25 AWG (solid) .018" TC 31.8Ω/M' 104.3Ω/km	.074	1.88	Duobond (100%) + TC Braid 5.8Ω/M' 19.0Ω/km	.114	2.90	75	81%	17.0	55.8	1	.4	1.3	
																		5	.9	3.0	
																			50	3.7	12.1
																			100	5.0	16.4
																			200	7.0	23.0
																			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	

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

PFPA Insulation • PVC Inner Jackets (Color Code: See chart below) • Overall Black Matte PVC Jacket

	1277R <small>new</small>	NEC: CMR CEC: CMG	3	500	152.4	25.5	11.6	25 AWG (solid) .018" TC 34.0Ω/M' 111.6Ω/km	.074	1.88	Duobond (100%) + TC Serve 5.4Ω/M' 17.7Ω/km	Single: .114 Overall: .320	2.90	75	80%	17.0	55.8	1	.5	1.7	
																		5	1.2	3.8	
																			50	3.7	12.1
																			100	4.9	16.1
																			200	6.7	22.0
																			400	9.5	31.2
																			750	13.4	44.0
																		900	15.0	49.2	
																		1000	15.8	51.8	
																		3000	31.2	102.4	

Bundled version of 1281R.
100% Sweep Tested. 5 MHz to 850 MHz.
Guaranteed Return Loss -20dB Max.

Plenum • PFPA Insulation • PVDF Inner Jackets (Color Code: See chart below) • Overall Gray PVC Jacket

	1277P <small>new</small>	NEC: CMP CEC: CMP	3	500	152.4	19.0	8.6	25 AWG (solid) .018" TC 34.0Ω/M' 111.6Ω/km	.074	1.88	Duobond (100%) + TC Serve 5.4Ω/M' 17.7Ω/km	Single: .111 Overall: .276	2.82	75	81%	16.8	55.1	1	.5	1.6	
																		5	1.2	3.9	
																			50	3.8	12.5
																			100	5.2	17.1
																			200	7.1	23.3
																			400	10.0	32.8
																			750	14.3	46.9
																		1000	16.9	55.5	
																		2250	25.5	83.7	
																		3000	33.9	111.2	

Bundled version of 1282P.
100% Sweep Tested. 5 MHz to 850 MHz.
Guaranteed Return Loss -20dB Max.

DCR = DC Resistance • PFPA = Foam Perfluoroalkoxy • HDPE = High-density Polyethylene • PVDF = Fluorocopolymer • 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.

Jacket Color Code Chart:

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



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

RGB Component Video CableBanana 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 Spline • 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	1.6 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								

100% Sweep tested. 5 MHz to 850 MHz.
Guaranteed Return Loss -20db max.
U.S. Patent 7,049,523**Plenum • FPFA • Flamarrest® Jackets (Color Code: See chart below) • Center Spline • 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								

100% Sweep tested. 5 MHz to 850 MHz.
Guaranteed Return Loss -20db max.
U.S. Patent 7,049,523

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

RGB Component Video CableBanana Peel® Unjacketed VideoFLEX® Bundles; RG-59/U Type
Plenum 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	
RG-59/U • 20 AWG Solid .032" Bare Copper Conductors • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)																					
Plenum • Foam FEP Insulation • Plenum-Grade PVC Jackets (Color Code: See chart below) • Center Spine • No Overall Jacket																					
	300V RMS	1283S3 <small>new</small>	NEC:	3	250	76.2	26.3	11.9	20 AWG	.133	3.38	Duofoil (95%)	.422	10.72	75	83%	16.2	53.1	1	.3	1.0
			CMP		500	152.4	54.0	24.5	(solid)										3.6	.6	2.0
			CEC:		1000	304.8	103.0	46.7	.032"			+ TC Braid							10	.9	2.9
			CMP						BC			3.8Ω/M'							71.5	2.1	6.9
									10.0Ω/M'			12.5Ω/km							135	2.7	8.9
									32.8Ω/km										270	3.8	12.5
																			360	4.4	14.4
																			540	5.5	18.0
																			720	6.4	21.0
																			750	6.5	21.3
		1283S5 <small>new</small>	NEC:	5	250	76.2	43.5	19.7	same	.133	3.38	same	.529	13.44					1000	7.6	24.9
			CMP		500	152.4	88.0	39.9	as			as							1500	9.4	30.8
			CEC:		1000	304.8	174.0	78.9	above			above							2500	12.4	40.7
			CMP																3000	13.8	45.3
		1283S6 <small>new</small>	NEC:	6	250	76.6	59.0	26.8	same	.133	3.38	same	.588	14.94							
			CMP		500	152.4	108.0	49.0	as			as									
			CEC:		1000	304.8	209.0	94.8	above			above									
			CMP																		

100% Sweep tested. 5 MHz to 3 GHz.
U.S. Patent 7,049,523

Suitable for Indoor and Outdoor applications.

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • 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.**Color Code Chart:**

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

BELDENFor 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**