

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)**Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket**

80°C	8238	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"			Coverage							10	.7	2.2
							TC			1.2Ω/M'							50	1.3	4.3
							6.1Ω/M'			3.9Ω/km							100	2.0	6.6
							20.0Ω/km										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	8261	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"			Coverage							10	.7	2.2
							TC			1.2Ω/M'							50	1.3	4.3
							6.1Ω/M'			3.9Ω/km							100	2.0	6.6
							20.0Ω/km										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**Foam Polyethylene Insulation (Coax) • Polypropylene Insulation (Pair) • Black Low-Smoke, Zero-Halogen Jacket**

Siamese	1306SB	NEC:	500	152.4	37.0	16.8	18 AWG	Coax:	Coax:	.275	6.99	75	83%	16.3	53.5	1	.2	.7
300V RMS	new	CMG-LS	1000	304.8	76.0	34.5	(solid)	.180	4.57	95% BC	x	x				10	.5	2.1
		CEC:					.040"			Braid	.514	13.06				50	1.5	4.8
		CMG-LS					BC	Pair:	3.1Ω/M'							100	2.1	6.9
		FT4					6.4Ω/M'	.059	1.59	10.2Ω/km						200	3.0	9.8
		Limited Smoke					21.0Ω/km	(Color Code: Black & Red)								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)**Gas-injected Foam HDPE Insulation • Black PVC Jacket**

80°C	9292	—	1000	304.8	75.0	34.0	14 AWG (solid)	.280	7.11	Duofoil + 60% TC	.405	10.29	75	84%	16.1	52.8	1	.2	.6
							.064"			Braid							10	.5	1.6
							BC			3.0Ω/M'							50	.9	3.0
							2.6Ω/M'			9.8Ω/km							100	1.3	4.3
							8.5Ω/km										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)**Plenum • Foam FEP Insulation • Black FEP Jacket**

200°C	89292	NEC:	500	152.4	40.5	18.4	14 AWG (solid)	.274	6.96	Duofoil + 63% TC	.346	8.79	75	83%	16.2	53.1	1	.2	.5
		CMP	1000	304.8	81.0	36.7	.064"			Braid							10	.4	1.3
		CATVP					BC			3.0Ω/M'							50	1.0	3.3
		CEC:					2.5Ω/M'			9.8Ω/km							100	1.5	4.9
		CMP FT6					8.2Ω/km										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)**Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket**

80°C	8213	—	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"			Coverage							10	.4	1.1
			2000	609.6	172.0	78.2	BC			1.1Ω/M'							50	.9	3.0
							2.6Ω/M'			3.6Ω/km							100	1.3	4.3
							8.5Ω/km										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.

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

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

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)	.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
								.019"	.146	3.71								5	1.3	4.3
								BC										10	1.8	5.9
								41.5Ω/M'										30	3.1	10.2
								136.0Ω/km										50	3.9	12.8
	1407B	—	4	1000 [†]	304.8	100.0	45.5	same	.089	2.29	same	.455	11.56					100	5.4	17.7
								as	.146	3.71								200	7.5	24.6
								above										400	10.4	34.1
																		700	13.5	44.3
																		900	15.2	49.9
	1417B	—	5	1000 [†]	304.8	110.0	49.9	same	.089	2.29	same	.477	12.12					1000	15.9	52.2
								as	.146	3.71										
								above												

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 [†] 1000 [†]	152.4 304.8	38.0 78.0	17.2 35.5	26 AWG (7x34) .019" BC 41.5Ω/M' 136.1Ω/km	.089 Coax OD: .146	2.29 + 93% 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	.6 1.3 1.8 3.1 3.9 5.4	2.0 4.3 5.9 10.2 12.8 17.7	
		1167B	NEC: CM	4	1000 [†]	304.8	105.0	47.7	same as above	.089 Coax OD: .146	2.29 as 3.71	same as above	.455	11.56					700 900 1000	13.5 15.2 15.9	44.3 49.9 52.2
			1418B	NEC: CM	5	500 [†] 1000 [†]	152.4 304.8	61.5 119.0	27.9 54.0	same as above	.089 Coax OD: .146	2.29 as 3.71	same as above	.477	12.12						

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



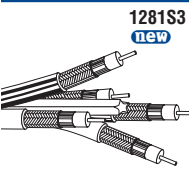
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RGB Component Video CableBanana Peel® Unjacketed Bundles Mini Hi-Res Component Video
CMR and CMP Rated

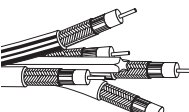
Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
				Ft.	m	Lbs.	kg		Inch	mm		Inch	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 new	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 new	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 new	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 new	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

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 new	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 new	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 new	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 new	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

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

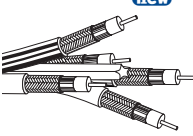
BELDENFor more information, contact **Belden Technical Support: 1-800-BELDEN-1 • www.belden.com**

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RGB Component Video Cable

Banana 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 Spline • No Overall Jacket																					
	1283S3 new	NEC:	3	250	76.2	26.3	11.9	20 AWG (solid) .032" BC 10.0Ω/M' 32.8Ω/km	.133	3.38	Duofoil (95%) + TC Braid 3.8Ω/M' 12.5Ω/km	.422	10.72	75	83%	16.2	53.1	1	.3	1.0	
		CMP		500	152.4	54.0	24.5											3.6	.6	2.0	
		CEC:		1000	304.8	103.0	46.7											10	.9	2.9	
		CMP																71.5	2.1	6.9	
	1283S5 new	CMP	5	500	152.4	88.0	39.9	same as above	.133	3.38	same as above	.529	13.44					135	2.7	8.9	
		CEC:		270	3.8	12.5															
		CMP		360	4.4	14.4															
				540	5.5	18.0															
				720	6.4	21.0															
				750	6.5	21.3															
1283S6 new	NEC:	6	250	76.6	59.0	26.8	same as above	.133	3.38	same as above	.588	14.94							1000	7.6	24.9
	CMP		500	152.4	108.0	49.0													1500	9.4	30.8
	CEC:		1000	304.8	209.0	94.8													2500	12.4	40.7
	CMP																		3000	13.8	45.3
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

Access Control Banana Peel® Cable

Lock Power, Card Reader, Door Contact, REX Applications
Plenum-Rated



Composite Shielded Multi-Conductors

CMP FT6 Rated

Product Description

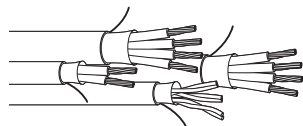
Stranded bare copper conductors, Flamarrest® insulation and jackets. No overall jacket. All cables are Beldfoil® shielded (100% coverage) with drain wire and rip cord. Cable jackets are color coded by application. Individual jacket is sequentially marked at two foot intervals.

Specifications

Conductor	Bare Copper
Insulation	Flamarrest
Shield	Beldfoil
Individual Jackets	Flamarrest
Overall Jacket	None
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Security Systems
- Power-Limited Controls
- Access Control
- Card Reader
- Lock Power
- Door Control
- REX



Individual Cable Jacket Color Coding System

Jacket Color	Print Legend	Cable Type
Orange	Card Reader	3/P, 18 or 22 AWG, Shielded
White	Door Contact	2/C, 18 or 22 AWG, Shielded
Blue	Rex/Spare	4/C, 18 or 22 AWG, Shielded
Gray	Lock Power	4/C, 16 or 18 AWG, Shielded

Part No.	Component Descriptions	Insulation Material & (Color Code)	Jacket Material & Component OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	ft.	m	Lbs.	kg

Composite Shielded Multi-Conductors (NEC CMP and CEC CMP FT6)

(3) Shielded Multi-Conductors • (1) Shielded Multi-Pair										
658AFS new	(1) 3-Pair 22 AWG Stranded (7x30) Bare Copper Shielded	Flamarrest (Black & Red, White & Green, Orange & Brown)	Orange Flamarrest	.420	10.67	500	152	60	27.2	
			.218	5.54		1000	304	113	51.3	
	(1) 2-Cond. 22 AWG Stranded (7x30) Bare Copper Shielded	Flamarrest (Black, Red)	White Flamarrest	.131	3.33					
	(1) 4-Cond. 22 AWG Stranded (7x30) Bare Copper Shielded	Flamarrest (Black, Red, White, Green)	Blue Flamarrest	.150	3.81					
638AFS new	(1) 3-Pair 18 AWG Stranded (7x26) Bare Copper Shielded	Flamarrest (Black & Red, White & Green, Orange & Brown)	Orange Flamarrest	.542	13.77	1000	305	189	85.7	
			.291	7.39						
	(1) 2-Cond. 18 AWG Stranded (7x26) Bare Copper Shielded	Flamarrest (Black, Red)	White Flamarrest	.168	4.27					
	(1) 4-Cond. 18 AWG Stranded (7x26) Bare Copper Shielded	Flamarrest (Black, Red, White, Green)	Blue Flamarrest	.197	5.00					
	(1) 4-Cond. 16 AWG Stranded (19x30) Bare Copper Shielded	Flamarrest (Black, Red, White, Green)	Gray Flamarrest	.224	5.69					

U.S. Patent 7,049,523

Access Control Banana Peel® Cable

Lock Power, Card Reader, Door Contact, REX Applications
Riser-Rated



Composite Shielded Multi-Conductors

CMR/CMG Rated

Product Description

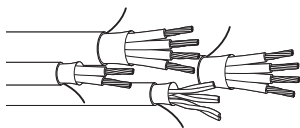
Stranded bare copper conductors, PVC or Flame-retardant PVC insulation and jackets. No overall jacket. All cables are Beldfoil® shielded (100% coverage) with drain wire and rip cord. Cable jackets are color coded by application. Individual jacket is sequentially marked at two foot intervals.

Specifications

Conductor	Bare Copper
Insulation	PVC or FR-PVC
Shield	Beldfoil
Individual Jackets	PVC or FR-PVC
Overall Jacket	None
Approvals	
NEC	CMR
CEC	CMG
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Security Systems
- Power-Limited Controls
- Access Control
- Card Reader
- Lock Power
- Door Control
- REX



Individual Cable Jacket Color Coding System

Jacket Color	Print Legend	Cable Type
Orange	Card Reader	3/P, 18 or 22 AWG, Shielded
White	Door Contact	2/C, 18 or 22 AWG, Shielded
Blue	Rex/Spare	4/C, 18 or 22 AWG, Shielded
Gray	Lock Power	4/C, 16 or 18 AWG, Shielded

Part No.	Component Descriptions	Insulation Material & (Color Code)	Jacket Material & Component OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

Composite Shielded Multi-Conductors (NEC CMR and CEC CMG)

(3) Shielded Multi-Conductors • (1) Shielded Multi-Pair										
558AFS new	(1) 3-Pair 22 AWG Stranded (7x30) Bare Copper Shielded	F-R PVC (Black & Red, White & Green, Orange & Brown)	Orange FR-PVC	.448	11.38	500	152	59	26.5	
			.233	5.92		1000	305	108	49.0	
	(1) 2-Cond. 22 AWG Stranded (7x30) Bare Copper Shielded	F-R PVC (Black, Red)	White FR-PVC	.140	3.56					
	(1) 4-Cond. 22 AWG Stranded (7x30) Bare Copper Shielded	F-R PVC (Black, Red, White, Green)	Blue FR-PVC	.161	4.09					
538AFS new	(1) 4-Cond. 18 AWG Stranded (7x26) Bare Copper Shielded	F-R PVC (Black, Red, White, Green)	Gray FR-PVC	.202	5.13					
	(1) 3-Pair 18 AWG Stranded (7x26) Bare Copper Shielded	PVC (Black & Red, White & Green, Orange & Brown)	Orange PVC	.516	13.11	1000	305	182	82.6	
	(1) 2-Cond. 18 AWG Stranded (7x26) Bare Copper Shielded	PVC (Black, Red)	White PVC	.175	4.45					
	(1) 4-Cond. 18 AWG Stranded (7x26) Bare Copper Shielded	PVC (Black, Red, White, Green)	Blue PVC	.202	5.13					
	(1) 4-Cond. 16 AWG Stranded (19x30) Bare Copper Shielded	PVC (Black, Red, White, Green)	Gray PVC	.230	5.84					

F-R = Flame-retardant

U.S. Patent 7,049,523

Pan/Tilt/Zoom Banana Peel® Composite

CCTV plus Audio or Power or Pan and Tilt CCTV Control Applications
Riser-Rated



Composite Coax, Pair and Multi-Conductors

CMR/CMG FT4 Rated

Product Description

(1) Coax: 20 AWG solid bare copper conductor, gas-injected foam high-density polyethylene insulation, bare copper braid shield (95% coverage), Black PVC jacket.

(1) Pair: 23 AWG solid bare copper conductors, polyolefin insulation, Blue PVC jacket. Color code: White/Blue Stripe & Blue. Category 5e tested.

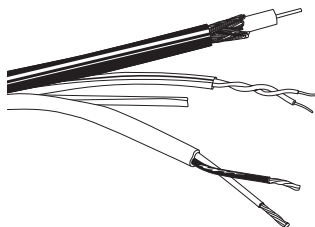
(2) Conductors: 18 AWG stranded (7x26) bare copper conductors, PVC insulation, White flame-retardant PVC jacket. Color code: Black & Red.

Specifications

Conductor	Bare Copper
Application Shielding	
Video	Bare Copper Braid
Control	Unshielded
Power	Unshielded
Component Jackets	PVC
Overall Jacket	None
Approvals	
NEC	CMR
CEC	CMG FT4
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- CCTV plus Control and Power
- Pan, Tilt and Zoom CCTV Control



Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

Composite (NEC CMR and CEC CMG FT4)

RG-59/U 20 AWG Coax • Cat. 5e 23 AWG Pair • 18 AWG Cond.										
500PTZ new	(1) Coax: RG-59/U 20 AWG (solid) Bare Copper Cond.	Gas-injected Foam HDPE, Bare Copper Braid Shield (95% coverage)	.227	5.57	.411	10.4	500	152	38.5	17.5
	(1) 1-Pair 23 AWG (solid) Bare Copper Cond.	Polyolefin, Unshielded	.118	3.00			1000	305	71.0	32.3
	(1) 2-Cond. 18 AWG Stranded (7x26) Bare Copper Cond.	PVC, Unshielded	.171	4.34						

HDPE = High-density Polyethylene
U.S. Patent 7,049,523

Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
Black	Coax, RG-59/U, 20 AWG, 95% Braid
Blue	1/P, 23 AWG, Unshielded
White	2/C, 18 AWG, Unshielded

Pan/Tilt/Zoom Banana Peel® CompositeCCTV plus Audio or Power or Pan and Tilt CCTV Control Applications
Plenum-Rated**Composite Coax,
Pair and Multi-Conductors**
CMP FT6 Rated**Product Description**

(1) Coax: 20 AWG solid bare copper conductor, Foam Perfluoroalkoxy (FPFA) insulation, bare copper braid shield (95% coverage), Black Flamarrest® jacket.

(1) Pair: 23 AWG solid bare copper conductors, FEP insulation, Blue Flamarrest jacket. Color code: White/Blue Stripe & Blue. Category 5e tested.

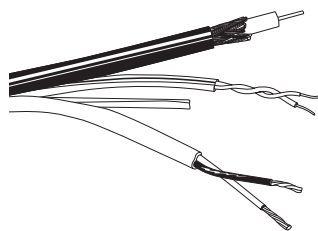
(2) Conductors: 18 AWG stranded (7x26) bare copper conductors, Flamarrest insulation, White Flamarrest jacket. Color code: Black & Red.

Specifications

Conductor	Bare Copper
Application Shielding	
Video	Bare Copper Braid
Control	Unshielded
Power	Unshielded
Component Jackets	Flamarrest
Overall Jacket	None
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- CCTV plus Control and Power
- Pan, Tilt and Zoom CCTV Control



Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

Plenum-rated Composite (NEC CMP and CEC CMP FT6)**RG-59/U 20 AWG Coax • Cat. 5e 23 AWG Pair • 18 AWG Cond.**

600PTZ NEW	(1) Coax: RG-59/U 20 AWG (solid) Bare Copper Cond.	FPFA, Bare Copper Braid Shield (95% coverage)	.193	4.90	.351	8.9	500 1000	152 305	38.5 71.0	17.5 32.2
	(1) 1-Pair 23 AWG (solid) Bare Copper Cond.	FEP, Unshielded	.116	2.95						
	(1) 2-Cond. 18 AWG Stranded (7x26) Bare Copper Cond.	Flamarrest, Unshielded	.158	4.01						

FEP = Fluorinated Ethylene Propylene • FPFA = Foam Perfluoroalkoxy

U.S. Patent 7,049,523

Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
Black	Coax, RG-59/U, 20 AWG, BC Braid (95%)
Blue	1/P, 23 AWG, Unshielded
White	2/C, 18 AWG, Unshielded

Pan/Tilt/Zoom Banana Peel® Composite

CCTV plus Audio or Power or Pan and Tilt CCTV Control Applications
Riser-Rated



Composite Coax, Pair and Multi-Conductors

CMR/CMG FT4 Rated

Product Description

(1) Coax: 20 AWG solid bare copper conductor, gas-injected foam high-density polyethylene insulation, bare copper braid shield (95% coverage), Black PVC jacket.

(1) Pair: 22 AWG stranded (7x30) bare copper conductors, polyolefin insulation, Beldfoil® shield (100% coverage), Blue PVC jacket. Color code: White/Blue Stripe & Blue. Category 5e tested.

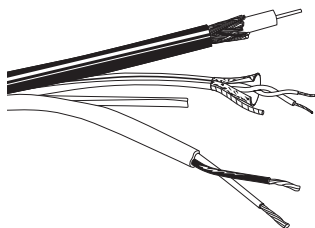
(2) Conductors: 18 AWG stranded (7x26) bare copper conductors, PVC insulation, White flame-retardant PVC jacket. Color code: Black & Red.

Specifications

Conductor	Bare Copper
Application Shielding	
Video	Bare Copper Braid
Control	Aluminum/Polyester
Power	Unshielded
Component Jackets	PVC
Overall Jacket	None
Approvals	
NEC	CMR
CEC	CMG FT4
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- CCTV plus Control and Power
- Pan, Tilt and Zoom CCTV Control



Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

Composite (NEC CMR and CEC CMG FT4)

RG-59/U 20 AWG Coax • Cat. 5e 22 AWG Pair • 18 AWG Cond.										
501PTZ new	(1) Coax: RG-59/U 20 AWG (solid) BC Cond.	Gas-injected Foam HDPE, BC Braid Shield (95% coverage)	.227	5.57	.419	10.6	500	152	41.0	18.6
	(1) 1-Pair 22 AWG (7x30) BC Cond.	Polyolefin, Beldfoil Shield (100% coverage)	.177	4.50			1000	305	76.0	34.5
	(1) 2-Cond. 18 AWG Stranded (7x26) BC Cond.	PVC, Unshielded	.171	4.34						

BC = Bare Copper • HDPE = High-density Polyethylene

U.S. Patent 7,049,523

Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
Black	Coax: RG-59/U, 20 AWG, BC Braid Shield
Blue	1/P, 22 AWG, Beldfoil Shield
White	2/C, 18 AWG, Unshielded

Pan/Tilt/Zoom Banana Peel® Composite

CCTV plus Audio or Power or Pan and Tilt CCTV Control Applications
Plenum-Rated



Composite Coax, Pair and Multi-Conductors

CMP FT6 Rated

Product Description

(1) **Coax:** 20 AWG solid bare copper conductor, Foam Perfluoroalkoxy (FPFA) insulation, bare copper braid shield (95% coverage), Black Flamarrest® jacket.

(1) **Pair:** 22 AWG stranded (7x30) bare copper conductors, FEP insulation, Beldfoil® shield (100% coverage), Blue Flamarrest jacket. Color code: White/Blue Stripe & Blue. Category 5e tested.

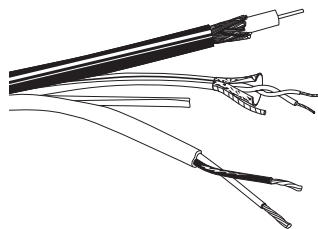
(2) **Conductors:** 18 AWG stranded (7x26) bare copper conductors, Flamarrest insulation, White Flamarrest jacket. Color code: Black & Red.

Specifications

Conductor	Bare Copper
Application Shielding	
Video	Bare Copper Braid
Control	Aluminum/Polyester
Power	Unshielded
Component Jackets	Flamarrest
Overall Jacket	None
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- CCTV plus Control and Power
- Pan, Tilt and Zoom CCTV Control



Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

Plenum-rated Composite (NEC CMP and CEC CMP FT6)

RG-59/U 20 AWG Coax • Cat. 5e 22 AWG Pair • 18 AWG Cond.										
601PTZ new	(1) Coax: RG-59/U 20 AWG (solid) BC Cond.	FPFA, BC Braid Shield (95% coverage)	.193	4.90	.351	8.9	500	152	40.0	18.2
	(1) 1-Pair 22 AWG (7x30) BC Cond.	FEP, Beldfoil Shield (100% coverage)	.116	2.95			1000	305	73.0	33.2
	(1) 2-Cond. 18 AWG Stranded (7x26) BC Cond.	Flamarrest, Unshielded	.158	4.01						

BC = Bare Copper • FEP = Fluorinated Ethylene Propylene • FPFA = Foam Perfluoroalkoxy

U.S. Patent 7,049,523

Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
Black	Coax: RG-59/U, 20 AWG, BC Braid Shield
Blue	1/P, 22 AWG, Beldfoil Shield
White	2/C, 18 AWG, Unshielded

Pan/Tilt/Zoom Banana Peel® CompositeCCTV plus Audio or Power or Pan and Tilt CCTV Control Applications
Riser-Rated**Composite Coax,
Pair and Multi-Conductors**
CMR/CMG FT4 Rated**Product Description**

(1) Coax: 20 AWG solid bare copper conductor, gas-injected foam high-density polyethylene insulation, bare copper braid shield (95% coverage), Black PVC jacket.

(1) Pair: 18 AWG stranded (19x30) bare copper conductors, polyolefin insulation, Beldfoil® shield (100% coverage), Blue PVC jacket. Color code: White/Blue Stripe & Blue. Category 5e tested.

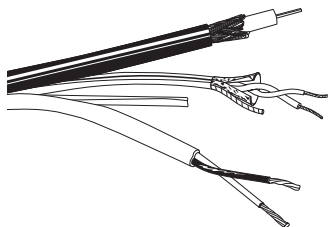
(2) Conductors: 18 AWG stranded (7x26) bare copper conductors, PVC insulation, White flame-retardant PVC jacket. Color code: Black & Red.

Specifications

Conductor	Bare Copper
Application Shielding	
Video	Bare Copper Braid
Control	Aluminum/Polyester
Power	Unshielded
Component Jackets	PVC
Overall Jacket	None
Approvals	
NEC	CMR
CEC	CMG FT4
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- CCTV plus Control and Power
- Pan, Tilt and Zoom CCTV Control



Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

Composite (NEC CMR and CEC CMG FT4)

RG-59/U 20 AWG Coax • Cat. 5e 18 AWG Pair • 18 AWG Cond.										
502PTZ new	(1) Coax: RG-59/U 20 AWG (solid) BC Cond.	Gas-injected Foam HDPE, BC Braid Shield (95% coverage)	.227	5.57	.451	11.5	500	152	50.0	22.7
	(1) 1-Pair 18 AWG (19x30) BC Cond.	Polyolefin, Beldfoil Shield (100% coverage)	.219	5.56			1000	305	94.0	42.6
	(1) 2-Cond. 18 AWG Stranded (7x26) BC Cond.	PVC, Unshielded	.171	4.34						

BC = Bare Copper • HDPE = High-density Polyethylene

U.S. Patent 7,049,523

Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
Black	Coax: RG-59/U, 20 AWG, BC Braid Shield
Blue	1/P, 18 AWG, Beldfoil Shield
White	2/C, 18 AWG, Unshielded

Pan/Tilt/Zoom Banana Peel® Composite

CCTV plus Audio or Power or Pan and Tilt CCTV Control Applications
Plenum-Rated



Composite Coax, Pair and Multi-Conductors

CMP FT6 Rated

Product Description

(1) Coax: 20 AWG solid bare copper conductors, Foam Perfluoroalkoxy (FPFA) insulation, bare copper braid shield (95% coverage), Black Flamarrest® jacket.

(1) Pair: 18 AWG stranded (19x30) bare copper conductor, FEP insulation, Beldfoil® shield (100% coverage), Blue Flamarrest jacket. Color code: White/Blue Stripe & Blue. Category 5e tested.

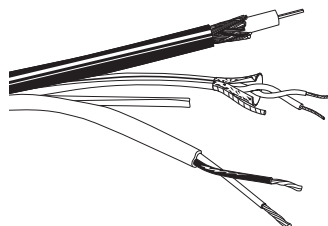
(2) Conductors: 18 AWG stranded (7x26) bare copper conductors, Flamarrest insulation, White Flamarrest jacket. Color code: Black & Red.

Specifications

Conductor	Bare Copper
Application Shielding	
Video	Bare Copper Braid
Control	Aluminum/Polyester
Power	Unshielded
Component Jackets	Flamarrest
Overall Jacket	None
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- CCTV plus Control and Power
- Pan, Tilt and Zoom CCTV Control



Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

Plenum-rated Composite (NEC CMP and CEC CMP FT6)

RG-59/U 20 AWG Coax • Cat. 5e 18 AWG Pair • 18 AWG Cond.										
602PTZ new	(1) Coax: RG-59/U 20 AWG (solid) BC Cond.	FPFA, BC Braid Shield (95% coverage)	.193	4.90	.363	9.2	500 1000	152 305	42.5 79.0	19.3 35.8
	(1) 1-Pair 18 AWG (19x30) BC Cond.	FEP, Beldfoil Shield (100% coverage)	.150	3.81						
	(1) 2-Cond. 18 AWG Stranded (7x26) BC Cond.	Flamarrest, Unshielded	.158	4.01						

BC = Bare Copper • FEP = Fluorinated Ethylene Propylene • FPFA = Foam Perfluoroalkoxy

Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
Black	Coax: RG-59/U, 20 AWG, BC Braid Shield
Blue	1/P, 18 AWG, Beldfoil Shield
White	2/C, 18 AWG, Unshielded

US Patent 7,049,523

BELDEN

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

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

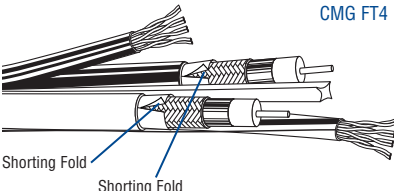
Composite Data, Audio, Video, Security and Control Cable

Banana Peel® Jacketless Cables

Category 5e Bonded-Pairs

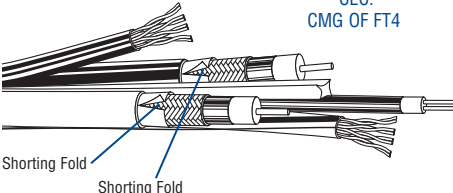
Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code	Component Jacket Material & Colors	Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm					Inch	mm

Composite • (2) Cat 5e 4-Bonded-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond Plus® (Bonded Tri-Shield)

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket															
 Shorting Fold Shorting Fold	7876S	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	63.0 119.0	28.6 54.0	.550	13.97	(2) 4-Pair UTP Data Cables: Cat 5e Bonded-Pairs 24 AWG (solid) Bare Copper Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.204	5.18	
										(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond. (7915A style)	Duobond Plus (Bonded Tri-Shield): Duobond® + 77% AL Braid + AL Foil w/ Shorting Fold	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.275	6.99
U.S. Patents 7,049,523; 5,606,151; 5,734,126. Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked. Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.															

U.S. Patents 7,049,523; 5,606,151; 5,734,126.
Third party verified to TIA/EIA-568-B.2, Category 5e
Coax sweep tested to 3.0 GHz and jacket sequentially marked.
Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.

Composite • (2) Cat 5e 4-Bonded-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond Plus • (1) 2-Fiber LANLite®

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket														
	7878S	NEC:	500	152.4	71.5	32.4	.595	15.11	(2) 4-Pair UTP Data Cables: Cat 5e Bonded-Pairs 24 AWG (solid) Bare Copper Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.204	5.18
		CMR OF	1000	304.8	137.0	62.1								
		CEC:												
		CMG OF FT4												
									(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond. (7915A style)	Duobond Plus (Bonded Tri-Shield): Duobond + 77% AL Braid + AL Foil w/ Shorting Fold 4.6Ω/M' 15.1Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.275	6.99
									(1) 2-Fiber LANLite: Gigabit Ethernet 62.5µ/125µ/900µ (core/clad/coating) Tight Buffered	None	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45
U.S. Patents 7,049,523; 5,606,151; 5,734,126. Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked. Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.														

U.S. Patents 7,049,523; 5,606,151; 5,734,126.
Third party verified to TIA/EIA-568-B.2, Category 5e
Coax sweep tested to 3.0 GHz and jacket sequentially marked.
Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • UTP = Unshielded Twisted Pair

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

Color Codes: Cat 5e UTP

Pair No.	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

Composite Data, Audio, Video, Security and Control Cable

Banana Peel® Jacketless Cables

Category 5e

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code	Component Jacket Material & Colors	Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm					Inch	mm

Composite • (1) Cat 5e 4-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond® IV* Quad Shield**Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • PVC Jackets • No Overall Jacket**

7956S new	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	59.0 112.0	26.8 50.8	.596	15.14	(2) 4-Pair UTP Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)	None	Polyolefin (see chart below)	PVC (1) Blue (1) Green	.194	4.93
								(2) Coax: Series 6 18 AWG (solid) BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M' 15.7Ω/km	Gas-injected Foam Polyethylene	PVC (1) Black (1) White	.298	7.57



U.S. Patent 7,049,523.

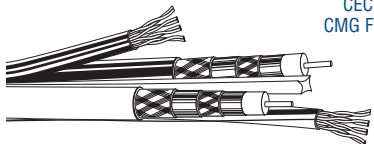
Third party verified to TIA/EIA-568-B.2, Category 5e.

Coax shield effectiveness 110dB @ 1GHz.

Coax sweep tested to 3.0 GHz and jacket sequentially marked.

Composite • (2) Cat 5e 4-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond IV* Quad Shield**Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket**

7913S	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	68.5 130.0	31.1 59.0	.600	15.24	(2) 4-Pair UTP Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.194	4.93
								(2) Coax: Series 6 18 AWG (solid) BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M' 15.7Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.298	7.57



U.S. Patent 7,049,523.

Third party verified to TIA/EIA-568-B.2, Category 5e.

Coax shield effectiveness 110dB @ 1GHz.

Coax sweep tested to 3.0 GHz and jacket sequentially marked.

Composite • (2) Cat 5e 4-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond IV* Quad Shield • (1) 2-Fiber LANLite®**Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • No Overall Jacket**

7914S	NEC: CMR OF CEC: CMG OF FT4	500 1000	152.4 304.8	77.0 148.0	34.9 67.1	.625	15.88	(2) 4-Pair UTP Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.194	4.93
								(2) Coax: Series 6 18 AWG (solid) BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M' 15.7Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.298	7.57
								(1) 2-Fiber LANLite: Gigabit Ethernet 62.5μ/125μ/900μ (core/clad/coating) Tight Buffered	None	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45

U.S. Patent 7,049,523.

Third party verified to TIA/EIA-568-B.2, Category 5e.

Coax shield effectiveness 110dB @ 1GHz.

Coax sweep tested to 3.0 GHz and jacket sequentially marked.

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • UTP = Unshielded Twisted Pair

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

Request quotations of cables not listed.

*Duobond IV = Duobond II + 60% aluminum braid + Duofoil® + 40% aluminum braid.

Color Codes: Cat 5e UTP

Pair No.	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

Composite Data, Audio, Video, Security and Control Cable

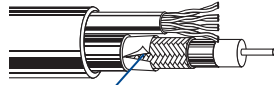
Jacketed Cables

Category 5e Bonded-Pairs

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code	Component Jacket Material & Colors	Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm					Inch	mm

Composite • (1) Cat 5e 4-Bonded-Pair UTP 24 AWG • (1) Series 6 Coax w/Duobond Plus® Bonded Tri-Shield

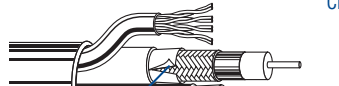
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket

7910A	NEC:	500	152.4	48.5	22.0	.335	8.51	(1) 4-Pair UTP Data Cable: Cat 5e Bonded-Pairs 24 AW (solid) BC Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
	CEC:	1000	304.8	91.0	41.3	x	x						
	CMG FT4					.535	13.59						
 Shorting Fold													
	(1) Coax: Series 6 18 AWG (solid) Bare Copper Cond. (7915A style)	Duobond Plus Bonded Tri-Shield: Duobond® + 77% AL Braid + AL Foil w/ Shorting Fold 4.6Ω/M' 15.1Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black	.275	6.99							

Third party verified to TIA/EIA-568-B.2, Category 5e
Coax sweep tested to 3.0 GHz and jacket sequentially marked.
Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.

Composite • (2) Cat 5e 4-Bonded-Pair UTP • (2) Series 6 Coax w/Duobond Plus Bonded Tri-Shield

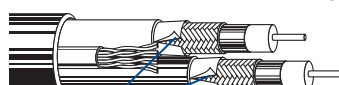
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket

7876A	NEC:	500	152.4	77.0	35.0	.610	15.49	(2) 4-Pair UTP Data Cables: Cat 5e Bonded-Pairs 24 AWG (solid) BC Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.200	5.08
	CEC:	1000	304.8	148.0	67.2								
	CMG FT4												
 Shorting Fold													
	(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond. (7915A style)	Duobond Plus Bonded Tri-Shield: Duobond + 77% AL Braid + AL Foil w/ Shorting Fold 4.6Ω/M' 15.1Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.275	6.99							

Third party verified to TIA/EIA-568-B.2, Category 5e
Coax sweep tested to 3.0 GHz and jacket sequentially marked.
Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.

Composite • (1) Cat 5e 4-Bonded-Pair UTP • (2) Series 6 Coax w/Duobond Plus Bonded Tri-Shield

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket

7877A	NEC:	500	152.4	67.0	30.5	.610	15.49	(1) 4-Pair UTP Data Cable: Cat 5e Bonded-Pairs 24 AWG (solid) BC Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
	CEC:	1000	304.8	128.0	58.2								
	CMG FT4												
 Shorting Fold													
	(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond. (7915A style)	Duobond Plus Bonded Tri-Shield: Duobond + 77% AL Braid + AL Foil w/ Shorting Fold 4.6Ω/M' 15.1Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.275	6.99							

Third party verified to TIA/EIA-568-B.2, Category 5e
Coax sweep tested to 3.0 GHz and jacket sequentially marked.
Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • UTP = Unshielded Twisted Pair

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

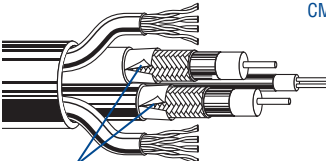
Color Codes: Cat 5e UTP

Pair No.	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

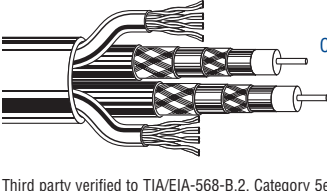
Composite Data, Audio, Video, Security and Control Cable

Jacketed Cables

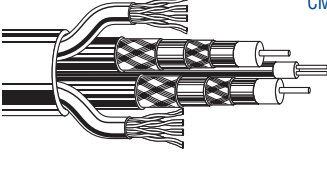
Category 5e Bonded-Pairs and Category 5

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code	Component Jacket Material & Colors	Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm					Inch	mm
Composite • (2) Cat 5e 4-Bonded-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond Plus® Tri-Shield • (1) 2-Fiber LANLite®														
Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket														
	7878A	NEC: CMR OF CEC: CMG OF FT4	500 1000	152.4 304.8	84.0 162.0	34.2 73.5	.635	16.13	(2) 4-Pair UTP Data Cables: Cat 5e Bonded-Pairs 24 AWG (solid) BC Cond. (1700R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.200	5.08
									(2) Coax: Series 6 18 AWG (solid) Bare Copper Cond. (7915A style)	Duobond Plus Bonded Tri-Shield: Duobond® + 77% AL Braid + AL Foil w/ Shorting Fold 4.6Ω/M' 15.1Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.275	6.99
									(1) 2-Fiber LANLite: Gigabit Ethernet 62.5μ/125μ/900μ (core/clad/coating) Tight Buffered	None	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45
Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked. Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.														

Composite • (2) Cat 5 4-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond IV* Quad Shield

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket														
	7913A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	82.0 157.0	37.2 71.3	.660	16.76	(2) 4-Pair UTP Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.195	4.95
									(2) Coax: Series 6 18 AWG (solid) BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M' 15.7Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.298	7.57
									(1) 2-Fiber LANLite: Gigabit Ethernet 62.5μ/125μ/900μ (core/clad/coating) Tight Buffered	None	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45
Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked. Coax shield effectiveness 110dB @ 1GHz.														

Composite • (2) Cat 5 4-Pair UTP 24 AWG • (2) Series 6 Coax w/Duobond IV* Quad Shield • (1) 2-Fiber LANLite

Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • F-R PVC Jackets • Overall Green F-R PVC Jacket														
	7914A	NEC: CMR OF CEC: CMG OF FT4	500 1000	152.4 304.8	88.0 169.0	40.0 76.7	.660	16.76	(2) 4-Pair UTP Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)	None	Polyolefin (see chart below)	F-R PVC (1) Blue (1) Green	.195	4.95
									(2) Coax: Series 6 18 AWG (solid) BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M' 15.7Ω/km	Gas-injected Foam Polyethylene	F-R PVC (1) Black (1) White	.298	7.57
									(1) 2-Fiber LANLite: Gigabit Ethernet 62.5μ/125μ/900μ (core/clad/coating) Tight Buffered	None	PVC (1) Blue (1) Orange	F-R PVC (1) Orange	.175	4.45
Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 2.25 GHz and jacket sequentially marked. Coax shield effectiveness 110dB @ 1GHz.														

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • UTP = Unshielded Twisted Pair

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

*Duobond IV = Duobond II + 60% aluminum braid + Duofoil® + 40% aluminum braid.

Color Code: Cat 5e UTP

Pair No.	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

BELDEN

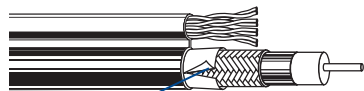
For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

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

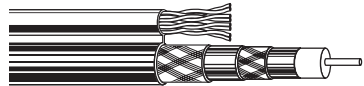
Composite Data, Audio, Video, Security and Control Cable**Siamese Cables****Category 5e Bonded-Pairs and Category 5**

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code
			Ft.	m	Lbs.	kg	Inch	mm			

Composite • (1) Cat 5e 4-Bonded-Pair UTP 24 AWG • (1) Series 6 Coax w/Duobond Plus® Bonded Tri-Shield**Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • Overall Green F-R PVC Jacket**

Siamese Construction	7911A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	35.0 60.0	15.9 27.2	.275 x .529	6.99 x 13.44	(1) 4-Pair UTP Data Cables: Cat 5e Bonded-Pairs 24 AWG (solid) BC Cond. (1700R style)	None	Polyolefin (see chart below)
 Shorting Fold									(1) Coax: Series 6 18 AWG (solid) Bare Copper Cond. (7915A style)	Duobond Plus Bonded Tri-Shield: Duobond® + 77% AL Braid + AL Foil w/ Shorting Fold 4.6Ω/M'	Gas-injected Foam Polyethylene
Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked. Coax shield effectiveness 125dB @ 1GHz is better than Quad shield.										5.1Ω/km	

Composite • (1) Cat 5 4-Pair UTP 24 AWG • (1) Series 6 Coax w/Duobond IV® Quad Shield**Polyolefin Insulation (Pairs) • Gas-injected FPE Insulation (Coax) • Overall Green F-R PVC Jacket**

Siamese Construction	7912A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	37.5 65.0	17.0 29.5	.297 x .543	7.54 x 13.79	(1) 4-Pair UTP Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)	None	Polyolefin (see chart below)
									(1) Coax: Series 6 18 AWG (solid) BC Cond. (7916A style)	Duobond IV Quad Shield: 60% & 40% AL Braids 4.8Ω/M'	Gas-injected Foam Polyethylene
Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked. Coax shield effectiveness 110dB @ 1GHz.										15.7Ω/km	

Composite • (1) Cat 5 4-Pair UTP 24 AWG • (1) Series 6 Coax w/Duobond II® Foil + Braid Shield**Polyolefin Insulation (Pairs) • Gas-injected Foam HDPE Insulation (Coax) • Overall Green F-R PVC Jacket**

Siamese Construction	7917A	NEC: CM CEC: CM	1000	304.8	55.0	25.0	.273 x .504	6.93 x 12.80	(1) 4-Pair UTP Data Cables: Cat 5e 24 AWG (solid) BC Cond. (1583R style)	None	Polyolefin (see chart below)
									(1) Coax: Series 6 18 AWG (solid) Bare Copper Cond.	Duobond II: Bonded Foil (100%) + AL Braid (57%) 9.0Ω/M'	Gas-injected Foam High-density Polyethylene
Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked.										29.5Ω/km	

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • HDPE = High-Density Polyethylene • UTP = Unshielded Twisted Pair

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

* Duobond IV = Duobond II + 60% aluminum braid + Duofoil® + 40% aluminum braid.

Color Code: Cat 5e UTP

Pair No.	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

Composite Data, Audio, Video, Security and Control Cable

Keypad and Control Cables

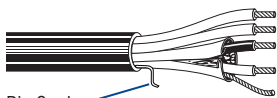
Category 5e Bonded-Pairs and Category 5

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials & Nom. DCR	Insulation Material & Color Code	Component Jacket Material & Colors	Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm					Inch	mm

Composite • (1) STP (Data) 22 AWG (7x30) TC Cond. w/Beldfoil®, Drain Wire • **(2) TC Conductors** (Power) 18 AWG (16x30) Unshielded

HDFPE Insulation (Data Pair) • **F-R PVC Insulation** (Power Cond.) • **F-R PVC Jacket** (Available in Black, White or Aqua)

300V 75°C	1502R	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	20.0 44.0	9.1 20.0	.250 6.35		Data: (1) Twisted Pair 22 AWG (7x30) TC Cond.	Beldfoil® Shield (100%)	HDFPE Blue, White	F-R PVC	N/A	N/A
									(2) Power Cond.: 18 AWG (16x30) TC Cond.	None	FR-PVC Red, Black	—	N/A	N/A



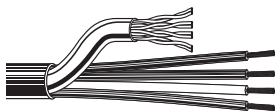
Rip Cord

Sequential footing marking every two feet.

Composite • (1) Cat 5e 4-Bonded-Pair UTP 24 AWG • **(4) 16 AWG Bare Copper Conductors** Stranded (19x29)

Polyolefin Insulation (Pairs) • **PVC Insulation** (Conductors) • **Overall Green F-R PVC Jacket**

	7949A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	54.5 99.0	24.7 44.9	.355 9.02		(1) 4-Pair UTP Data Cable: Bonded-Pairs 24 AWG (solid) BC Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.200	5.08
									(4) Conductors: 16 AWG (19x29) BC Cond.	None	PVC Red, White, Green, Black	—	.079	2.01



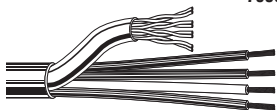
Jacket sequentially marked.

Third party verified to TIA/EIA-568-B.2, Category 5e

Composite • (1) Cat 5 4-Pair UTP 24 AWG • **(4) 16 AWG Bare Copper Conductors** Stranded (19x29)

Polyolefin Insulation (Pairs) • **PVC Insulation** (Conductors) • **Overall Green F-R PVC Jacket**

	7950A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	54.0 98.0	24.5 44.5	.390 9.91		(1) 4-Pair UTP Data Cable: 24 AWG (solid) BC Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.195	4.95
									(4) Conductors: 16 AWG (19x29) BC Cond.	None	PVC Red, White, Green, Black	—	.079	2.01



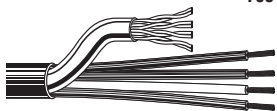
Jacket sequentially marked.

Third party verified to TIA/EIA-568-B.2, Category 5

Composite • (1) Cat 5 4-Pair UTP 24 AWG • **(4) 18 AWG Bare Copper Conductors** Stranded (19x30)

Polyolefin Insulation (Pairs) • **PVC Insulation** (Conductors) • **Overall Green F-R PVC Jacket**

	7951A	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	49.0 88.0	22.2 39.9	.407 10.34		(1) 4-Pair UTP Data Cable: 24 AWG (solid) BC Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.195	4.95
									(4) Conductors: 18 AWG (19x30) BC Cond.	None	PVC Red, White, Green, Black	—	.066	1.68



Jacket sequentially marked.

Third party verified to TIA/EIA-568-B.2, Category 5

Composite • (1) Cat 5 4-Pair UTP 24 AWG • **(4) 14 AWG Bare Copper Conductors** Stranded (19x26)

Polyolefin Insulation (Pairs) • **PVC Insulation** (Conductors) • **Overall Green F-R PVC Jacket**

Siamese Construction	7952A	NEC: CMR CEC: CMG FT4	500	152.4	58.0	26.3	.289 x .535	7.34 x 13.59	(1) 4-Pair UTP Data Cable: 24 AWG (solid) BC Cond.	None	Polyolefin (see chart below)	F-R PVC (1) Blue	.216	5.49
									(4) Conductors: 14 AWG (19x26) BC Cond.	None	PVC Red, White, Green, Black	—	.99	25.15



Jacket sequentially marked.

Third party verified to TIA/EIA-568-B.2, Category 5

BC = Bare Copper • DCR = DC Resistance • F-R = Flame-retardant • HDFPE = High-density Foam Polyethylene • STP = Shielded Twisted Pair • TC = Tinned Copper • UTP = Unshielded Twisted Pair

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

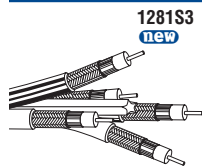
Request quotations of cables not listed.

Color Code: Cat 5e UTP

Pair No.	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

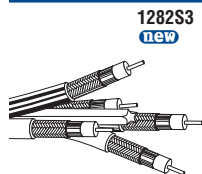
Video Cable**RGB Component Video Cable****Banana Peel® Unjacketed Bundles Mini Hi-Res Component Video**

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 new	NEC:	3	500 [†]	152.4	17.0	7.7	25 AWG (solid)	.074	1.88	Duobond (100%) + TC Serve (95%)	Single: .114 2.90 Overall: .246 6.25	75	80%	17.0	.8	1	.5	1.7		
	CEC:		1000 [†]	304.8	31.0	14.1	.018" TC			5.4Ω/M' 17.7Ω/km						50	3.7	12.1		
	CMG:						34.0Ω/M' 111.6Ω/km									100	4.9	16.1		
																200	6.7	22.0		
																400	9.5	31.2		
1281S4 new	NEC:	4	500 [†]	152.4	23.5	10.7	same as above	.074	1.88	same as above	Single: .114 2.90 Overall: .275 6.99					5	1.2	3.8		
	CEC:		1000 [†]	304.8	44.0	20.0										100	4.9	16.1		
	CMG:															200	6.7	22.0		
																400	9.5	31.2		
																750	13.4	44.0		
1281S5 new	NEC:	5*	250 [†]	76.2	16.0	7.3	same as above	.074	1.88	same as above	Single: .114 2.90 Overall: .308 7.82					1000	15.8	51.8		
	CEC:		500 [†]	152.4	28.5	12.9	as above									200	6.7	22.0		
	CMG:		1000 [†]	304.8	55.0	25.0										400	9.5	31.2		
																750	13.4	44.0		
																900	15.0	49.2		
1281S6 new	NEC:	6*	500 [†]	152.4	33.5	15.2	same as above	.074	1.88	same as above	Single: .114 2.90 Overall: .342 8.69					1000	15.8	51.8		
	CEC:		1000 [†]	304.8	68.0	30.8	as above									200	6.7	22.0		
	CMG FT4															400	9.5	31.2		
																750	13.4	44.0		
																900	15.0	49.2		

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 new	NEC:	3	500	152.4	18.5	8.4	25 AWG (solid)	.075	1.91	Duobond (100%) + TC Serve (95%)	Single: .114 2.90 Overall: .246 6.25	75	81%	16.8	55.2	1	.5	1.6		
	CMP:		1000	304.8	34.0	15.4	.018" TC			5.4Ω/M' 17.7Ω/km						5	1.2	3.9		
	CEC:						34.0Ω/M' 111.6Ω/km									100	5.2	17.1		
	CMP:															200	7.1	23.1		
																400	10.0	32.9		
1282S4 new	NEC:	4	500	152.4	25.5	11.6	same as above	.075	1.91	same as above	Single: .114 2.90 Overall: .275 6.99					5	1.2	3.9		
	CMP:		1000	304.8	49.0	22.2	as above									100	5.2	17.1		
	CEC:															200	7.1	23.1		
	CMP:															400	10.0	32.9		
																750	14.3	47.0		
1282S5 new	NEC:	5*	250	76.2	18.0	8.2	same as above	.075	1.91	same as above	Single: .114 2.90 Overall: .308 7.82					1000	16.9	55.4		
	CMP:		500	152.4	33.0	15.0	as above									200	6.7	22.0		
	CEC:		1000	304.8	67.0	30.4										400	9.5	31.2		
	CMP:															750	13.4	44.0		
																900	15.0	49.2		
1282S6 new	NEC:	6*	500	152.4	39.5	17.9	same as above	.075	1.91	same as above	Single: .114 2.90 Overall: .342 8.69					1000	16.9	55.4		
	CMP:		1000	304.8	80.0	36.3	as above									200	6.7	22.0		
	CEC:															400	9.5	31.2		
	CMP:															750	13.4	44.0		
																900	15.0	49.2		

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

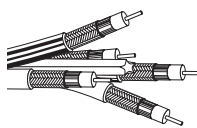
Video Cable

RGB Coaxial Cable

Banana Peel® Unjacketed VideoFLEX® Bundles, 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.	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 new	NEC: 3 CMP CEC: CMP	250 500 1000	76.2 152.4 304.8	26.3 54.0 103.0	11.9 24.5 46.7	20 AWG (solid) .032" BC 10.0Ω/M' 32.8Ω/km	.133	3.38	Duofoil (95%) + TC Braid 3.8Ω/M' 12.5Ω/km	.422	10.72	75	83%	16.2	53.2	1	.3	1.0
																		3.6	.6	2.0
																		10	.9	2.9
																		71.5	2.1	6.9
																		135	2.7	8.9
																		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 new	NEC: 5 CMP CEC: CMP	250 500 1000	76.2 152.4 304.8	43.5 88.0 174.0	19.7 39.9 78.9	same as above	.133	3.38	same as above	.529	13.44					1000	7.6	24.9
																		1500	9.4	30.8
																		2500	12.4	40.7
																		3000	13.8	45.3
		1283S6 new	NEC: 6 CMP CEC: CMP	250 500 1000	76.6 152.4 304.8	59.0 108.0 209.0	26.8 49.0 94.8	same as above	.133	3.38	same as above	.588	14.94							

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**

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

Surveillance Coax

Coaxial and Composite Cables for Surveillance and CCTV Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Nominal DCR		Nominal Core OD		Nominal OD		Nom. Imp. (Ω)
			Ft.	m	Lbs.	kg	Conductor	Shielding	Inch	mm	Inch	mm	

Coaxial • RG-59/U Type • 20 AWG Solid Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)

Foam Polyolefin Insulation • PVC Jacket (Available in Black or White)

75°C	543945	NEC:	U-500	U-152.4	13.0	6.0	10.0Ω/M'	3.5Ω/M'	.145	3.68	.232	5.89	75
		CM	500	152.4	16.0	7.3	32.8Ω/km	11.5Ω/km					
		CEC:	U-1000	U-304.8	32.0	14.5							
		CM FT1	1000	304.8	34.0	15.4							



Jacket sequentially marked at 2 ft. intervals.

Composite • RG-59/U Type, 20 AWG Coax Solid BC Conductor • BC Braid Shield (95% Coverage) • **18 AWG** UTP Stranded (7x26) BC Conductor

Foam Polyolefin Insulation (Coax) • PVC Insulation (Pair, Color Code: Red, Black) • PVC Jacket (Available in Black or White)

Siamese Configuration	549945	NEC:	500	152.4	30.0	13.6	Coax:	3.5Ω/M'	Coax OD:	.232	5.89	75
75°C		CM	1000	304.8	60.0	27.3	10.0Ω/M'	11.5Ω/km	.145	3.68	x	x
		CEC:					32.8Ω/km		Pair OD:	.460	11.68	
		CM FT1					Each Pair:		.046	1.17		
							6.5Ω/M'					
							21.3Ω/km					



Jacket sequentially marked at 2 ft. intervals.

Composite • RG-6/U Type, 18 AWG Coax Solid BC Conductor • BC Braid Shield (95% Coverage) • **18 AWG** UTP Stranded (7x26) BC Conductor

Foam Polyolefin Insulation (Coax) • PVC Insulation (Pair, Color Code: Red, Black) • Black PVC Jacket

Siamese Configuration	539945	NEC:	500	152.4	34.0	15.5	Coax:	3.5Ω/M'	Coax OD:	.266	6.76	75
75°C		CM	1000	304.8	69.0	31.3	10.0Ω/M'	11.5Ω/km	.180	4.57	x	x
		CEC:					32.8Ω/km		Pair OD:	.500	12.70	
		CM FT1					Each Pair:		.066	1.68		
							6.5Ω/M'					
							21.3Ω/km					



Jacket sequentially marked at 2 ft. intervals.

BC = Bare Copper • DCR = DC Resistance • UTP = Unshielded Twisted Pair

For additional selection of Belden® Security and CCTV Cables, refer to the New Generation® and Coaxial Cables sections of this catalog.