

Data and Voice Cable

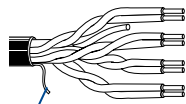
Category 6 UTP Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Nominal OD		Max. DCR (Ω / 100m)	Max. DCR Unbal. (%)	Max. Cap. Unbal. (pF/ 100m)	Freq. (MHz)	Max. Atten. (dB/ 100m)	Min. PSUM NEXT (dB)	Min. PSUM ACR (dB/ 100m)	Min. PSUM ELFEXT (dB/ 100m)	Input Imped. (Ω)	Min. RL (dB)
				Ft.	m	Lbs.	kg	Inch	mm										

23 AWG Solid Bare Copper Conductors • Twisted Pairs • Central Rod Filler • Rip Cord • See Color Code Chart (below)

Non-Plenum • Polyolefin Insulation • PVC Jacket (Available in Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black)

75°C	7881A	NEC: CMR CEC: CMR FT4	4	1000	304.8	30.0	13.6	.235	5.97	8.2	5.0	330	1	2.0	72.3	70.3	64.8	100±15	20.0
				A-1000	A-304.8	33.0	15.0	10	6.0	57.3	51.3	44.8	100±15	25.0					
				20	8.5	52.8	44.3	38.7	100±15	25.0									
				31.25	10.7	49.9	39.2	34.9	100±15	23.6									
				62.5	15.4	45.4	30.0	28.8	100±15	21.5									
				100	19.8	42.3	22.5	24.8	100±15	20.1									
				200	29.0	37.8	8.8	18.7	100±22	18.0									
250	32.8	36.3	3.5	16.8	100±32	17.3													



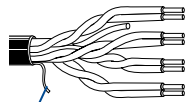
Rip Cord

Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2-1, Category 6

Plenum • FRPO/FEP Insulation • Flamarrest® Jacket (Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Natural or Black)

75°C	7882A	NEC: CMP CEC: CMP FT6	4	1000	304.8	29.0	13.2	.224	5.69	8.2	5.0	330	1	2.0	72.3	70.3	64.8	100±15	20.0
				A-1000	A-304.8	32.0	14.5	10	6.0	57.3	51.3	44.8	100±15	25.0					
				20	8.5	52.8	44.3	38.7	100±15	25.0									
				31.25	10.7	49.9	39.2	34.9	100±15	23.6									
				62.5	15.4	45.4	30.0	28.8	100±15	21.5									
				100	19.8	42.3	22.5	24.8	100±15	20.1									
				200	29.0	37.8	8.8	18.7	100±22	18.0									
250	32.8	36.3	3.5	16.8	100±32	17.3													



Rip Cord

Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2-1, Category 6

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • FEP = Fluorinated Ethylene-Propylene • FRPO = Flame-retardant Polyolefin • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

For a complete selection of Belden® Data Cables, refer to the Commercial Networking: Copper section of this catalog.

Color Codes

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

Data and Voice Cable

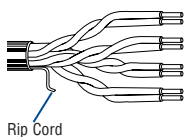
Enhanced Category 5e UTP Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Nominal OD		Max. DCR (Ω/100m)	Max. DCR Unbal. (%)	Max. Cap. Unbal. (pF/100m)	Freq. (MHz)	Max. Atten. (dB/100m)	Min. PSUM NEXT (dB)	Min. PSUM ACR (dB/100m)	Min. PSUM ELFEXT (dB/100m)	Input Imped. (Ω)	Min. RL (dB)
				Ft.	m	Lbs.	kg	Inch	mm										

24 AWG Bonded-Pairs Solid Bare Copper Conductors • Rip Cord • See Color Code Chart (below)

Non-Plenum • Polyolefin Insulation • PVC Jacket (Red, Orange, White, Yellow, Green, Blue, Purple, or Gray)

80°C	1700R	NEC: 4	U-1000	U-304.8	23.0	9.5	.204	5.18	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0
		CMR	1000	304.8	22.0	10.0						4	4.0	56.3	52.3	48.7	100±12	23.0
		CEC: 3000*	914.4	63.0	28.6							8	5.7	51.8	46.1	42.7	100±12	24.5
		CMR FT4										10	6.4	50.3	43.9	40.8	100±12	25.0
												16	8.1	47.3	39.1	36.7	100±12	25.0
												25	10.3	44.3	34.1	32.8	100±15	24.3
												31.25	11.6	42.9	31.3	30.9	100±15	23.6
												62.5	16.8	38.4	21.6	24.8	100±15	21.5
												100	21.7	35.3	17.1	20.8	100±15	20.1
												155	27.7	32.5	4.7	16.9	100±18	19.0
												200	32.0	30.8	3.0	14.7	100±20	19.0
												250	36.4	29.3	—	12.8	100±20	18.0
												350	44.3	27.2	—	9.9	100±22	17.0



Rip Cord

Tested to 350 MHz.

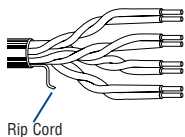
Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2, Category 5e • U.S. Patents 5,606,151 and 5,734,126

*3000 ft. put-up not available in Orange, Yellow nor Green.

Plenum • FEP Insulation • Flamarrest® Jacket (Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Natural or Black)

75°C	1701A	NEC: 4	U-1000	U-304.8	23.0	10.5	.193	4.90	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0
		CMR	1000	304.8	24.0	10.9						4	4.0	56.3	52.3	48.7	100±12	23.0
		CEC: 3000*	914.4	69.0	31.3							8	5.7	51.8	46.1	42.7	100±12	24.5
		CMR FT6										10	6.4	50.3	43.9	40.8	100±12	25.0
												16	8.1	47.3	39.1	36.7	100±12	25.0
												25	10.3	44.3	34.1	32.8	100±15	24.3
												31.25	11.6	42.9	31.3	30.9	100±15	23.6
												62.5	16.8	38.4	21.6	24.8	100±15	21.5
												100	21.7	35.3	17.1	20.8	100±15	20.1
												155	27.7	32.5	4.7	16.9	100±18	19.0
												200	32.0	30.8	3.0	14.7	100±20	19.0
												250	36.4	29.3	—	12.8	100±20	18.0
												350	44.3	27.2	—	9.9	100±22	17.0



Rip Cord

Tested to 350 MHz.

Jacket sequentially marked at 2 ft. intervals.

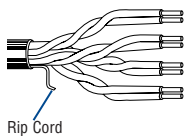
Third party verified to TIA/EIA-568-B.2, Category 5e • U.S. Patents 5,606,151 and 5,734,126

*3000 ft. put-up available in Blue or Natural only.

24 AWG Solid Bare Copper Conductors • Twisted Pairs • Rip Cord • See Color Code Chart (below)

Non-Plenum • Polyolefin Insulation • PVC Jacket (Available in Red, Orange, Yellow, Green, White, Blue or Gray)

80°C	1500R	NEC: 4	1000	304.8	24.0	10.9	.194	4.93	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0
		CMR	A-1000	A-304.8	27.0	12.3						4	4.0	56.3	52.3	48.7	100±12	23.0
		CEC: 3000*										8	5.7	51.8	46.1	42.7	100±12	24.5
		CMR FT4										10	6.4	50.3	43.9	40.8	100±12	25.0
												16	8.1	47.3	39.1	36.7	100±12	25.0
												25	10.3	44.3	34.1	32.8	100±15	24.3
												31.25	11.6	42.9	31.3	30.9	100±15	23.6
												62.5	16.8	38.4	21.6	24.8	100±15	21.5
												100	21.7	35.3	17.1	20.8	100±15	20.1
												155	27.7	32.5	4.7	16.9	100±18	19.0
												200	32.0	30.8	3.0	14.7	100±20	19.0
												250	36.4	29.3	—	12.8	100±20	18.0
												350	44.3	27.2	—	9.9	100±22	17.0



Rip Cord

Tested to 350 MHz.

Jacket sequentially marked at 2 ft. intervals.

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

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • FEP = Fluorinated Ethylene-Propylene • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

For a complete selection of Belden® Data Cables, refer to the Commercial Networking: Copper section of this catalog.

Color Codes

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



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

Data and Voice Cable

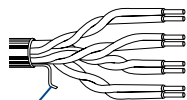
Category 5e UTP Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Nominal OD		Max. DCR (Ω / 100m)	Max. DCR Unbal. (%)	Max. Cap. Unbal. (pF/ 100m)	Freq. (MHz)	Max. Atten. (dB/ 100m)	Min. PSUM NEXT (dB)	Min. PSUM ACR (dB/ 100m)	Min. PSUM ELFEXT (dB/ 100m)	Input Imped. (Ω)	Min. RL (dB)
				Ft.	m	Lbs.	kg	Inch	mm										

24 AWG Solid Bare Copper Conductors • Twisted Pairs • Rip Cord • See Color Code Chart (below)

Non-Plenum • Polyolefin Insulation • PVC Jacket (Available in Red, Orange, Yellow, Green, Blue, Gray, White or Pink)

80°C	1583R	NEC: CMR CEC: CMR FT4	4	U-1000 1000 3000*	U-304.8 304.8 914.4	23.0 22.0 63.0	10.5 10.0 28.6	.197	5.00	9.38	3.0	330	1 4 10 16 31.25 62.5 100 200	2.0 4.1 6.5 8.2 11.7 17.0 22.0 32.0	62.3 53.3 47.3 44.3 39.9 35.4 32.3 27.8	60.0 49.0 41.0 36.0 28.0 19.0 11.0 1.0	60.8 48.7 40.8 36.7 30.9 24.8 20.8 14.7	100±15 100±15 100±15 100±15 100±15 100±15 100±15 100±25	20.0 23.0 25.0 25.0 23.6 21.5 20.1 15.0
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Rip Cord

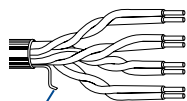
Jacket sequentially marked at 2 ft. intervals.

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

*3000 ft. put-ups available in Gray, White or Blue only.

Plenum • FRPO/FEP Insulation • Flamarrest® Jacket (Red, Orange, Yellow, Green, Blue, Gray, White, Natural, Black or Pink)

75°C	1585A	NEC: CMP CEC: CMP FT6	4	U-1000 1000 3000*	U-304.8 304.8 914.4	23.0 24.0 69.0	10.5 10.9 31.4	.195	4.95	9.38	3.0	330	1 4 10 16 31.25 62.5 100 200	2.0 4.1 6.5 8.2 11.7 17.0 22.0 32.0	62.3 53.3 47.3 44.3 39.9 35.4 32.3 27.8	60.0 49.0 41.0 36.0 28.0 19.0 11.0 1.0	60.8 48.7 40.8 36.7 30.9 24.8 20.8 14.7	100±15 100±15 100±15 100±15 100±15 100±15 100±15 100±25	20.0 23.0 25.0 25.0 23.6 21.5 20.1 15.0
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Rip Cord

Jacket sequentially marked at 2 ft. intervals.

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

*3000 ft. put-up available in Natural or Blue only.

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • FEP = Fluorinated Ethylene-Propylene • FRPO = Flame-retardant Polyolefin • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

For a complete selection of Belden® Data Cables, refer to the Commercial Networking: Copper section of this catalog.

Color Codes

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/RF Cable


Broadband CATV and DBS Coaxial Cables

Series 6 (RG-6/U Type)

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/100 Ft.	dB/100m


Series 6 • 18 AWG Solid .040" Bare Copper Conductor • Duobond® + Aluminum Braid(s) Shield

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black or White)

 <p>Shorting Fold</p>	80°C	7915A	NEC: U-500	U-152.4	16.5	7.5	18 AWG (solid)	.180	4.57	Duobond Plus [®] +	.275	6.99	75	83%	16.2	53.2	5	.5	1.6
			CATV CM	500	152.4	18.0	8.2										55	1.4	4.6
			CEC: U-1000	U-304.8	31.0	14.1	.040"			77% & 80%							211	2.6	8.5
			CM	1000	304.8	31.0	14.1	BC		Aluminum Braid							500	4.1	13.5
								6.4Ω/M'		4.6Ω/M'							750	5.1	16.7

Sweep tested 5 MHz to 3.0 GHz.

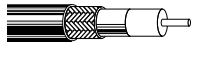
Shielding effectiveness is 125dB @ 1GHz.

	80°C	7916A	NEC: U-500	U-152.4	18.5	8.4	18 AWG (solid)	.180	4.57	Duobond IV*	.298	7.57	75	83%	16.2	53.2	5	.5	1.6
			CATV CM	500	152.4	19.5	8.9			+							55	1.4	4.6
			CEC: U-1000	U-304.8	35.0	15.9	.040"			60% & 40%							211	2.6	8.5
			CM	1000	304.8	35.0	15.9	BC		Aluminum Braids							500	4.1	13.5
								6.4Ω/M'		4.8Ω/M'							750	5.1	16.7

Sweep tested 5 MHz to 3.0 GHz.

Shielding effectiveness is 125dB @ 1GHz.


Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black, Gray or White)

	80°C	1829AC	NEC: U-1000 [†]	U-304.8	29.0	13.2	18 AWG (solid)	.180	4.57	Duobond II + 60%	.270	6.86	75	83%	16.2	53.2	5	.5	1.6
			CATV CM	1000 ^{††}	304.8	30.0	13.6			Aluminum Braid							55	1.4	4.6
			CEC: U-1000	U-304.8	31.0	14.1	.040"			9.0Ω/M'							211	2.6	8.5
			CM					BC		29.5Ω/km							500	4.1	13.5
								6.4Ω/M'		21.0Ω/km							750	5.1	16.7

Sweep tested 950 MHz to 2.25 GHz.

[†]U-1000 ft. put-up not available in White.

^{††}1000 ft. put-up not available in Gray.

	80°C	1841AC	NEC: U-500	U-152.4	33.5	15.2	18 AWG (solid)	.180	4.57	Duobond II + 60%	.273	6.93	75	83%	16.2	53.2	5	.5	1.6
			CATV CM							x	x						55	1.4	4.6
			CEC: U-500					.040"		Aluminum Braid	.595	15.11					211	2.6	8.5
			CM					BC		9.0Ω/M'							500	4.1	13.5
								6.4Ω/M'		29.5Ω/km							750	5.1	16.7

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

	80°C	7916AP <small>new</small>	NEC: U-1000	U-304.8	32.0	14.5	18 AWG (solid)	.170	4.32	Duobond IV* + 60% & 40%	.248	6.30	75	83%	16.3	53.5	1	.3	1.0
			CATV CMP	1000	304.8	31.0	14.1			Aluminum Braids							10	.7	2.2
			CEC: U-1000					.040"		4.8Ω/M'							50	1.6	5.3
			CMP FT6					BC		15.7Ω/km							100	2.2	7.2
								6.4Ω/M'									200	3.0	9.8

Sweep tested 5 MHz to 3 GHz.

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. For additional selection of Belden® Video Cables, refer to the Coaxial and Broadcast Cables sections of this catalog.

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

Video/RF Cable

Broadband CATV Coaxial Cables

Series 6 (RG-6/U Type)

Table with columns: Description, Part No., UL NEC/C(UL) CEC Type, Standard Lengths (Ft, m), Standard Unit Weight (Lbs, kg), Conductor (stranding) Diameter Nom. DCR, Nominal Core OD (Inch, mm), Shielding Materials Nom. DCR, Nominal OD (Inch, mm), Nom. Imp. (Ω), Nom. Vel. of Prop., Nominal Capacitance (pF/Ft, pF/m), Nominal Attenuation (MHz, dB/100 Ft, dB/100m)

Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® II* + Aluminum Braid Shield (60% Coverage)

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black, White or White Neutral)

Table for Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® II* + Aluminum Braid Shield (60% Coverage) with columns for temperature, part number, NEC/CATV/CEC, lengths, weights, conductor details, core OD, shielding, nominal OD, impedance, velocity, capacitance, and attenuation.

*U-1000 ft. put-up also available in Beige.

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black, White, Gray or Neutral)

Table for Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® II* + Aluminum Braid Shield (60% Coverage) with columns for temperature, part number, NEC/CATV/CEC, lengths, weights, conductor details, core OD, shielding, nominal OD, impedance, velocity, capacitance, and attenuation.

Table for Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® II* + Aluminum Braid Shield (60% Coverage) with columns for temperature, part number, NEC/CATV/CEC, lengths, weights, conductor details, core OD, shielding, nominal OD, impedance, velocity, capacitance, and attenuation.

*U-1000 ft. put-up not available in Neutral.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

Table for Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket with columns for temperature, part number, NEC/CATV/CEC, lengths, weights, conductor details, core OD, shielding, nominal OD, impedance, velocity, capacitance, and attenuation.

Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® IV* Quad Shield (60% and 40% Coverage)

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black or White)

Table for Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® IV* Quad Shield (60% and 40% Coverage) with columns for temperature, part number, NEC/CATV/CEC, lengths, weights, conductor details, core OD, shielding, nominal OD, impedance, velocity, capacitance, and attenuation.

*1000 ft. put-up also available in Beige or Neutral.

Plenum • Foam FEP Insulation • Natural Flamarrest Jacket

Table for Plenum • Foam FEP Insulation • Natural Flamarrest Jacket with columns for temperature, part number, NEC/CATV/CEC, lengths, weights, conductor details, core OD, shielding, nominal OD, impedance, velocity, capacitance, and attenuation.

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

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. 1-800-BELDEN-1. For additional selection of Belden® Video Cables, refer to the Coaxial and Broadcast Cables sections of this catalog.

* Duobond II = Bonded Duofoil® (100% coverage) + aluminum braid (60% coverage). Duobond IV = Duobond II + 60% aluminum braid + Duofoil® tape + 40% aluminum braid.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.



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

Video Cable

Precision Video Cables for Analog and Digital Applications

RG-6/U and RG-59/U Types

Table with columns: Description, Part No., UL NEC/C(UL) CEC Type, Standard Lengths (Ft, m), Standard Unit Weight (Lbs, kg), Conductor (stranding) Diameter Nom. DCR, Nominal Core OD (Inch, mm), Shielding Materials Nom. DCR, Nominal OD (Inch, mm), Nom. Imp. (Ω), Nom. Vel. of Prop., Nominal Capacitance (pF/Ft, pF/m), Nominal Attenuation (MHz, dB/100 Ft, dB/100m)

RG-6/U Type • 18 AWG Solid .040" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*

Table for RG-6/U Type with columns for SDI/HDTV, Digital Video, 75°C, NEC, CMR, CEC, Standard Lengths, Standard Unit Weight, Conductor (stranding) Diameter Nom. DCR, Nominal Core OD, Shielding Materials, Nominal OD, Nom. Imp., Nom. Vel. of Prop., Nominal Capacitance, Nominal Attenuation.



*500 ft. put-up available in Black only.
*Available in Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray or White.
Black jacket suitable for Outdoor and Aerial applications.

Plenum • Foam FEP Teflon® Insulation • Flamarest® Jacket (Available in 10 colors)**

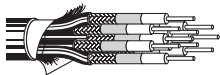
Table for Plenum RG-6/U Type with columns for SDI/HDTV, Digital Video, 75°C, NEC, CMP, CEC, Standard Lengths, Standard Unit Weight, Conductor (stranding) Diameter Nom. DCR, Nominal Core OD, Shielding Materials, Nominal OD, Nom. Imp., Nom. Vel. of Prop., Nominal Capacitance, Nominal Attenuation.



*500 ft. put-up available in Black or Natural only.
**Available in Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray or Natural.
Black jacket suitable for Outdoor and Aerial applications.

Gas-injected Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: See chart below)

Table for RG-6/U Type with Overall Matte Black PVC Jacket with columns for SDI/HDTV, Digital Video, 75°C, NEC, CMR, CEC, Standard Lengths, Standard Unit Weight, Conductor (stranding) Diameter Nom. DCR, Nominal Core OD, Shielding Materials, Nominal OD, Nom. Imp., Nom. Vel. of Prop., Nominal Capacitance, Nominal Attenuation.



RG-59/U Type • 20 AWG Solid .032" Bare Copper Conductor • Duofoil (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*

Table for RG-59/U Type with columns for SDI/HDTV, Digital Video, 75°C, NEC, CMR, CEC, Standard Lengths, Standard Unit Weight, Conductor (stranding) Diameter Nom. DCR, Nominal Core OD, Shielding Materials, Nominal OD, Nom. Imp., Nom. Vel. of Prop., Nominal Capacitance, Nominal Attenuation.



*500 ft. put-up available in Black, Red or Blue only.
*1000 ft. and 5000 ft. put-ups available in all ten colors: Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray or White.

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 RG/U cables not listed. For additional selection of Belden® Video Cables, refer to the Coaxial and Broadcast Cables sections of this catalog.

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

Teflon is a DuPont trademark.

Color Code Chart

Color Code Chart table with columns: Cond., Color, Cond., Color. Rows 1-10.



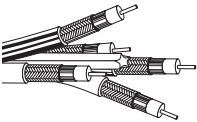
For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

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

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	250	76.2	26.3	11.9	20 AWG	.133	3.38	Duofoil (95%)	.422	10.72	75	83%	16.2	53.2	1	.3	1.0	
		CMP:		500	152.4	54.0	24.5	(solid)				+ TC Braid							3.6	.6	2.0
		CEC:		1000	304.8	103.0	46.7	.032"				BC							10	.9	2.9
		CMP:						10.0Ω/M'				3.8Ω/M'							71.5	2.1	6.9
								32.8Ω/km				12.5Ω/km							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	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 new	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:																			

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

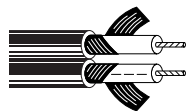
Video Cable

High-Flex S-Video Cables

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

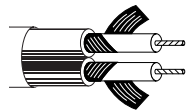
High-Flex S-Video • 30 AWG Stranded (7x38) Tinned Copper Conductors • Tinned Copper Serve Shield (90% Coverage)

Foam HDPE Insulation • Matte Black PVC Jacket (One Coax Printed and Striped for Identification)																						
Parallel Zip Construction	1807A		2	U-500	U-152.4	8.0	3.6	30 AWG	.056	1.42	TC Serve	.110	2.79	75	78%	17.3	56.7	1	.6	2.0		
				500	152.4	7.5	3.4	(7x38)			90% Shield	x	x						5	1.4	4.6	
				U-1000	U-304.8	15.0	6.8	.012"			Coverage	.230	5.84							10	2.1	6.9
				1000	304.8	14.0	6.4	TC			7.5Ω/M'									30	3.8	12.5
											100.0Ω/M'			24.6Ω/km							50	5.1
							328.0Ω/km										100	7.6	24.9			
																	200	11.3	37.1			
																	400	16.9	55.4			
																	700	23.3	76.4			
																	900	26.9	88.2			
																	1000	28.6	93.8			



For Plenum version of 1807A,
see 7700A.

Foam HDPE Insulation • Matte Black PVC Jacket (Inner PVC Jackets Color Code: Black and Yellow)																							
Round Construction	1808A new		2	U-500	U-152.4	14.5	6.6	30 AWG	.058	1.47	TC Serve	.255	.84	75	78%	17.3	56.7	1	.6	2.0			
				500	152.4	16.5	7.5	(7x38)			90% Shield									5	1.4	4.6	
				U-1000	U-304.8	31.0	14.1	.013"			Coverage	.100	2.54								10	2.1	6.9
				1000	304.8	33.0	15.0	TC			7.5Ω/M'										30	3.8	12.5
											100.0Ω/M'			24.6Ω/km								50	5.1
							328.0Ω/km											100	7.6	24.9			
																		200	11.3	37.1			
																		400	16.9	55.4			
																		700	23.3	76.4			
																		900	26.9	88.2			
																		1000	28.6	93.8			



Available in Plenum versions
by special order only.

High-Flex S-Video • 30 AWG Stranded (7x38) .012" Tinned Copper Conductors • Tinned Copper "French Braid" Shield (98% Coverage)

Plenum • Foam FEP Teflon® Insulation • Matte Black Flamarrest® Jacket (One Coax Printed and Striped for Identification)																								
Parallel Zip Construction	7700A new	NEC: CMP CEC: CMP FT6	2	500	152.4	8.5	3.9	30 AWG	.053	1.35	TC	.107	2.72	75	78%	17.3	56.7	1	.5	2.3				
				1000	304.8	17.0	7.7	(7x38)			"French Braid"	x	x							5	1.7	5.6		
								.012"			Coverage	.214	5.44									10	2.3	7.5
								TC			98% Shield											30	4.1	13.4
											100.0Ω/M'			24.6Ω/km									50	5.3
							328.0Ω/km												100	7.6	24.9			
																			200	11.8	38.7			
																			400	17.6	57.7			
																			700	24.2	79.4			
																			900	28.0	91.8			
																			1000	29.8	97.7			

French Braid

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**.

For additional selection of Belden® Video Cables, refer to the Coaxial and Broadcast Cables sections of this catalog.

Teflon is a DuPont trademark.

BELDEN

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

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