

Data and Voice Cable

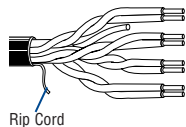
Category 6 UTP Cables

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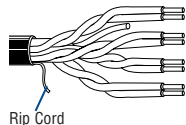


Jacket sequentially marked at 2 ft. intervals.

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

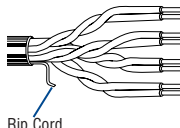
Data and Voice Cable

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)

 Rip Cord	80°C	1700R	NEC: CMR CEC: CMR FT4	4	U-1000	U-304.8	21.0	9.5	.204	5.18	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0
					1000	304.8	22.0	10.0						4	4.0	56.3	52.3	48.7	100±12	23.0
					3000	914.4	63.0	28.6						8	5.7	51.8	46.1	42.7	100±12	24.5
														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

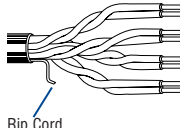
Tested to 350 MHz.

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)

 Rip Cord	75°C	1701A	NEC: CMP CEC: CMP FT6	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
					1000	304.8	24.0	10.9						4	4.0	56.3	52.3	48.7	100±12	23.0
					3000	914.4	69.0	31.3						8	5.7	51.8	46.1	42.7	100±12	24.5
														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

Tested to 350 MHz.

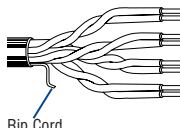
Jacket sequentially marked at 2 ft. intervals.

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)

 Rip Cord	80°C	1500R	NEC: CMR CEC: CMR FT4	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
					A-1000	A-304.8	27.0	12.3						4	4.0	56.3	52.3	48.7	100±12	23.0
														8	5.7	51.8	46.1	42.7	100±12	24.5
														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

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

Data and Voice Cable

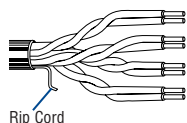
Category 5e UTP Cables

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	U-304.8	21.0	9.5	.197	5.00	9.38	3.0	330	1	2.0	62.3	60.0	60.8	100±15	20.0
				1000	304.8	22.0	10.0						4	4.1	53.3	49.0	48.7	100±15	23.0
				3000	914.4	63.0	28.6						10	6.5	47.3	41.0	40.8	100±15	25.0
													16	8.2	44.3	36.0	36.7	100±15	25.0
													31.25	11.7	39.9	28.0	30.9	100±15	23.6
													62.5	17.0	35.4	19.0	24.8	100±15	21.5
													100	22.0	32.3	11.0	20.8	100±15	20.1
													200	32.0	27.8	1.0	14.7	100±25	15.0



Rip Cord

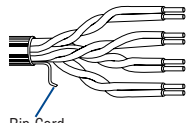
Jacket sequentially marked at 2 ft. intervals.

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



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.

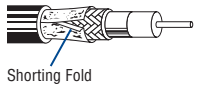
Color Codes

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)**

 Shorting Fold	7915A	NEC:	U-500	U-152.4	16.5	7.5	18 AWG	.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	(solid)										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'										750	5.1	16.7
							21.0Ω/km			4.6Ω/M'							862	5.5	18.0

Sweep tested 5 MHz to 3.0 GHz.

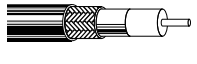
Shielding effectiveness is 125dB @ 1GHz.

	7916A	NEC:	U-500	U-152.4	18.5	8.4	18 AWG	.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	(solid)			+							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
							21.0Ω/km			15.7Ω/km							862	5.5	18.0

Sweep tested 5 MHz to 3.0 GHz.

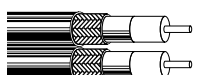
Shielding effectiveness is 125dB @ 1GHz.

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

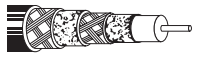
	1829AC	NEC:	U-1000 [†]	U-304.8	29.0	13.2	18 AWG	.180	4.57	Duobond II + 60%	.270	6.86	75	83%	16.2	53.2	5	.5	1.6
		CATV CM	1000 ^{††}	304.8	30.0	13.6	(solid)			Aluminum Braid							55	1.4	4.6
		CEC:					.040"										211	2.6	8.5
		CM					BC			9.0Ω/M'							500	4.1	13.5
							6.4Ω/M'			29.5Ω/km							750	5.1	16.7
							21.0Ω/km										862	5.5	18.0

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.

	1841AC	NEC:	500	152.4	33.5	15.2	18 AWG	.180	4.57	Duobond II + 60%	.273	6.93	75	83%	16.2	53.2	5	.5	1.6
		CATV CM					(solid)			x	x						55	1.4	4.6
		CEC:					.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
							21.0Ω/km										862	5.5	18.0

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

	7916AP new	NEC:	U-1000	U-304.8	32.0	14.5	18 AWG	.170	4.32	Duobond IV*	.248	6.30	75	83%	16.3	53.5	1	.3	1.0
		CATV CMP	1000	304.8	31.0	14.1	(solid)			+							10	.7	2.2
		CEC:					.040"			60% & 40%							50	1.6	5.3
		CMP FT6					BC			Aluminum Braids							100	2.2	7.2
							6.4Ω/M'			4.8Ω/M'							200	3.0	9.8
							21.0Ω/km			15.7Ω/km							400	4.6	15.1

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)**

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-covered Steel Conductor • Duobond® II* + Aluminum Braid Shield (60% Coverage)**Gas-injected Foam Polyethylene Insulation • PVC Jacket** (Available in Black, White or White Neutral)

80°C	9116	NEC: CATV CM CEC: CM	U-1000 [▲] 1000	U-304.8 304.8	30.0 31.0	13.6 14.1	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.180	4.57	Duobond II* + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km	.270	6.86	75	83%	16.2	53.2	See Chart on page 6.92		
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▲U-1000 ft. put-up also available in Beige.

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

80°C	1829A	NEC: CATV CM CEC: CM	U-1000 1000	U-304.8 304.8	29.0 29.0	13.2 13.2	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km	.270	6.86	75	83%	16.2	53.2	5 55 211 500 750 862 1000 1450 1800 2250 3000	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.8 8.6 9.8 11.3	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.6 28.2 32.2 37.1
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80°C	1829R new	NEC: CATVR, CMR CEC: CMG FT4	U-1000* 1000	U-304.8 304.8	29.0 29.0	13.2 13.2	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km	.270	6.86	75	83%	16.2	53.2	5 55 211 500 750 862 1000 1450 1800 2250 3000	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.8 8.6 9.8 11.3	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.6 28.2 32.2 37.1
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*U-1000 ft. put-up not available in Neutral.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

75°C	1829P new	NEC: CATVP, CMP CEC: CMP FT6	U-1000 1000	U-304.8 304.8	27.0 27.0	12.3 12.3	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.170	4.32	Duobond II + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km	.235	5.97	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000 1450 1800 2250 3000	.3 .7 1.5 2.1 3.0 4.4 6.1 7.2 7.6 9.6 11.0 12.7 15.1	1.0 2.2 4.9 6.9 9.8 14.4 20.0 23.6 24.9 31.5 36.1 41.7 49.5
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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)

80°C	1189A	NEC: CATV CM CEC: CM	U-500 1000	U-152.4 304.8	18.0 35.0	8.2 15.9	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.180	4.57	Duobond IV 60% & 40% Aluminum Braids 4.8Ω/M' 15.7Ω/km	.298	7.57	75	83%	16.2	53.2	See Chart on page 6.88		
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▼1000 ft. put-up also available in Beige or Neutral.

Plenum • Foam FEP Insulation • Natural Flamarrest Jacket

75°C	1189AP	NEC: CATVP CMP CEC: CMP FT6	1000 [†]	304.8	32.0	14.5	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.170	4.32	Duobond IV 60% & 40% Aluminum Braids 4.8Ω/M' 15.7Ω/km	.248	6.30	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2	1.0 2.2 5.2 7.2 9.8 15.1 21.7 25.3 26.9
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BCCS = Bare Copper-covered Steel • DCR = DC Resistance

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

* 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.

Video Cable

Precision Video Cables for Analog and Digital Applications
RG-6/U and RG-59/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 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)*

SDI/HDTV	1694A	NEC:	500 [▲]	152.4	20.5	9.3	18 AWG	.180	4.57	Duofoil	.274	6.96	75	82%	16.2	53.2	1	.2	.8
Digital Video		CMR:	1000	304.8	45.0	20.5	(solid)			+ 95%							3.6	.5	1.5
75°C		CEC:	4500	1371.6	202.5	91.9	.040"			TC Braid							10	.7	2.4
		CMG FT4					BC			2.8Ω/M'							71.5	1.6	5.2
							6.4Ω/M'			9.2Ω/km							135	2.1	6.9
							21.0Ω/km										270	3.0	9.7
																	360	3.4	11.3
																	540	4.3	13.9
																	720	4.9	16.1
																	750	5.0	16.4
																	1000	5.9	19.3
																	1500	7.3	24.0
																	2250	9.1	30.0
																	3000	10.7	35.0
																	4500	13.3	43.6



[▲]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 • Flammarrest® Jacket (Available in 10 colors)**

SDI/HDTV	1695A	NEC:	500 [†]	152.4	20.5	9.3	18 AWG	.170	4.32	Duofoil	.234	5.94	75	82%	16.2	53.2	1	.2	.8
Digital Video		CMP	1000 [†]	304.8	45.0	20.5	(solid)			+ 95%							3.6	.5	1.5
75°C		CEC:					.040"			TC Braid							10	.8	2.5
		CMP FT6					BC			2.8Ω/M'							71.5	1.8	5.8
							6.4Ω/M'			9.2Ω/km							135	2.4	7.9
							21.0Ω/km										270	3.4	11.2
																	360	4.0	13.1
																	540	5.2	17.1
																	720	6.1	20.0
																	750	6.2	20.3
																	1000	7.3	24.0
																	1500	9.2	30.2
																	2250	11.6	38.0
																	3000	13.7	44.9

[†]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)

SDI/HDTV	7713A	NEC:	500	152.4	463.0	210.0	18 AWG	.180	4.57	Duofoil	1.386	35.20	75	82%	16.2	53.2	1	.2	.8
Digital Video		CMR:	1000	304.8	904.0	410.4	(solid)			+ 95%							3.6	.5	1.5
75°C		CEC:					.040"			Coax OD:							10	.7	2.4
		CMG FT4					BC			2.75	6.99						71.5	1.6	5.2
							6.4Ω/M'			TC Braid							135	2.1	6.9
							21.0Ω/km			3.0Ω/M'							270	3.0	9.7
										9.8Ω/km							360	3.4	11.3
																	540	4.3	13.9
																	720	4.9	16.1
																	750	5.0	16.4
																	1000	5.9	19.3
																	1500	7.3	24.0
																	2500	9.1	31.8
																	3000	10.7	35.0



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)*

SDI/HDTV	1505A	NEC:	500 [▼]	152.4	15.5	7.0	20 AWG	.145	3.68	Duofoil	.233	5.92	75	83%	16.3	53.5	1	.3	1.0
Digital Video		CMR:	1000 [*]	304.8	35.0	15.9	(solid)			+ 95%							3.6	.6	1.8
75°C		CEC:	5000 [*]	1524.0	165.0	74.9	.032"			TC Braid							10	.9	2.9
		CMG FT4					BC			3.8Ω/M'							71.5	2.1	6.9
							10.0Ω/M'			12.5Ω/km							135	2.7	8.9
							32.8Ω/km										270	3.8	12.5
																	360	4.4	14.4
																	540	5.5	18.0
																	720	6.4	21.0
																	750	6.5	21.3
																	1000	7.6	24.9
																	1500	9.3	30.5
																	2250	11.6	38.0
																	3000	13.4	44.0
																	4500	16.4	53.8

[▼]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

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

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

Video Cable

Bundled RGB Precision Video Cable and
Miniature Hi-Res Component 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

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

FPFA Insulation • Inner PVC Jacket (Color Code: Red, Green, Blue, White, Yellow) • Overall Black PVC Jacket

	300V RMS 60°C	1277R new	NEC: CMR CEC: CMG	3	500 [†] 1000 [†]	152.4 304.8	25.5 48.0	11.6 21.8	25 AWG (solid) .018" TC 34.0Ω/M' 111.6Ω/km	.074 Coax OD: .114	1.88 2.90	Duobond + 95% TC Braid 5.4Ω/M' 17.7Ω/km	.320 8.13	75	80%	17.0	55.8	1 5 50 100 200 400 750 900 1000 3000	.5 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
		1278R new	NEC: CMR CEC: CMG	4	500 [†] 1000 [†]	152.4 304.8	31.5 60.0	14.3 27.2	same as above	.074 Coax OD: .114	1.88 2.90	same as above	.351 8.92							
		1279R new	NEC: CMR CEC: CMG	5	250 [†] 500 [†] 1000 [†]	76.2 152.4 304.8	21.8 40.5 80.0	9.9 18.4 36.3	same as above	.074 Coax OD: .114	1.88 2.90	same as above	.403 10.24							
		1280R new	NEC: CMR CEC: CMG	6	500 [†] 1000 [†]	152.4 304.8	44.0 87.0	20.0 39.5	same as above	.074 Coax OD: .114	1.88 2.90	same as above	.423 10.74							

100% Sweep tested. 5 MHz to 850 MHz.

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

Plenum • FPFA Insulation • Black Flamarrest® Jacket

		1282P new	NEC: CMP CEC: CMP FT6	1	1000	304.8	10.0	4.5	25 AWG (solid) .018" TC 31.8Ω/M' 104.3Ω/km	.074	1.88	Duobond (100%) + TC Braid 5.8Ω/M' 19.0Ω/km	.114 2.90	75	81%	17.0	55.2	1 5 50 100 200 400 700 900 1000 3000	.4 .9 3.7 5.0 7.0 10.0 14.5 17.0 17.5 37.0	1.3 3.0 12.1 16.4 23.0 32.8 47.6 55.8 57.4 121.4

Sweep Tested 5 MHz to 850 MHz.
Guaranteed Return Loss -20dB Max.

BC = Bare Copper • 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.

Video Cable

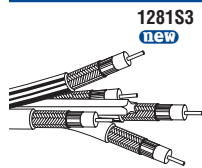
RGB Component Video Cable

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	Nominal Core OD		Shielding Materials	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
				Ft.	m	Lbs.	kg	Nom. DCR	Inch	mm	Nom. DCR	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)

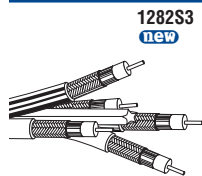
Gas-injected Foam HDPE Insulation • PVC Jackets (Color Code: See chart below) • **Center Spline • No Overall Jacket**



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	75	80%	17.0	.8	1	.5	1.7
	CEC:		1000 [†]	304.8	31.0	14.1	.018" TC			5.4Ω/M'	Overall: .246	6.25					5	1.2	3.8
	CMG						34.0Ω/M'			17.7Ω/km							100	4.9	16.1
							111.6Ω/km										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					5	1.2	3.8
	CEC:		1000 [†]	304.8	44.0	20.0					Overall: .275	6.99					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					100	4.9	16.1
	CEC:		500 [†]	152.4	28.5	12.9					Overall: .308	7.82					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					1000	15.8	51.8
	CEC:		1000 [†]	304.8	68.0	30.8					Overall: .342	8.69					3000	31.2	102.4
	CMG FT4																		

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	75	81%	16.8	55.2	1	.5	1.6
	CEC:		1000	304.8	34.0	15.4	.018" TC			5.4Ω/M'	Overall: .246	6.25					5	1.2	3.9
	CMP						34.0Ω/M'			17.7Ω/km							100	5.2	17.1
							111.6Ω/km										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					5	1.2	3.9
	CMP		1000	304.8	49.0	22.2					Overall: .275	6.99					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					100	5.2	17.1
	CMP		500	152.4	33.0	15.0					Overall: .308	7.82					200	7.1	23.1
	CEC:		1000	304.8	67.0	30.4											400	10.0	32.9
	CMP																750	14.3	47.0
																	1000	16.9	55.4
1282S6 new	NEC:	6*	500	152.4	39.5	17.9	same as above	.075	1.91	same as above	Single: .114	2.90					2250	25.5	83.6
	CMP		1000	304.8	80.0	36.3					Overall: .342	8.69					3000	33.9	111.3
	CEC:																		
	CMP																		

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

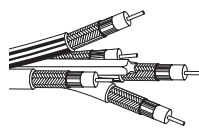
RGB Coaxial Cable

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**

	1283S3 new	NEC:	3	250	76.2	26.3	11.9	20 AWG	.133	3.38	Duofoil	.422	10.72	75	83%	16.2	53.2	1	.3	1.0
		CMP		500	152.4	54.0	24.5	(solid)			(95%)							3.6	.6	2.0
		CEC:		1000	304.8	103.0	46.7	.032"			+ TC Braid							10	.9	2.9
		CMP						BC			3.8Ω/M'							71.5	2.1	6.9
								10.0Ω/M'			12.5Ω/km							135	2.7	8.9
								32.8Ω/km										270	3.8	12.5
																		360	4.4	14.4
																		540	5.5	18.0
																		720	6.4	21.0
																		750	6.5	21.3
	1283S5 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
	1283S6 new	CMP																3000	13.8	45.3
		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

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

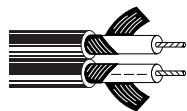
Video Cable

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)**

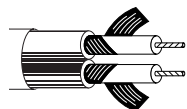
Parallel Zip Construction	1807A		2	U-500	U-152.4	8.0	3.6	30 AWG	.056	1.42	TC Serve	.110	2.79	75	78%	17.3	56.7	1	.6	2.0
				500	152.4	7.5	3.4	(7x38)			90% Shield	x	x					5	1.4	4.6
				U-1000	U-304.8	15.0	6.8	.012"			Coverage	.230	5.84					10	2.1	6.9
				1000	304.8	14.0	6.4	TC			7.5Ω/M'							30	3.8	12.5
								100.0Ω/M'			24.6Ω/km							50	5.1	16.7



For Plenum version of 1807A, see 7700A.

Foam HDPE Insulation • Matte Black PVC Jacket (Inner PVC Jackets Color Code: Black and Yellow)

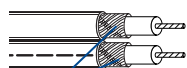
Round Construction	1808A new		2	U-500	U-152.4	14.5	6.6	30 AWG	.058	1.47	TC Serve	.255	.84	75	78%	17.3	56.7	1	.6	2.0
				500	152.4	16.5	7.5	(7x38)			90% Shield							5	1.4	4.6
				U-1000	U-304.8	31.0	14.1	.013"			Coverage	.100	2.54					10	2.1	6.9
				1000	304.8	33.0	15.0	TC			7.5Ω/M'							30	3.8	12.5
								100.0Ω/M'			24.6Ω/km							50	5.1	16.7



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'			7.5Ω/M'							50	5.3	17.4



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.

BELDENFor more information, contact Belden Technical Support: **1-800-BELDEN-1** • www.belden.com견적문의 Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr

Speaker Cable

Multi-conductor Cables for Residential, Light Commercial and Institutional Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Outer Jacket Thickness		Nominal OD	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

Multi-conductor • 16 AWG Stranded (19x29) Bare Copper Conductors • Rip Cord

Non-Plenum • PVC Insulation • Gray PVC Jacket

300V 75°C	5200UE	NEC: CMR CEC: CMG FT4	2	Black, Red	C-500 500 U-1000 1000	C-152.4 U-152.4 U-304.8 304.8	11.5 13.0 12.5 25.0 25.0	5.2 5.9 5.7 11.4 11.4	.010	.25	.015	.38	.184	4.67
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Jacket sequentially marked at 2 ft. intervals.

300V 75°C	5202UE	NEC: CMR CEC: CMG FT4	4	Black, Red, White, Green	U-500 500 U-1000 1000	U-152.4 U-152.4 U-304.8 304.8	23.5 23.0 45.0 47.0	10.7 10.4 20.4 21.3	.010	.25	.015	.38	.216	5.49
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Jacket sequentially marked at 2 ft. intervals.

Plenum • Flamarrest® Insulation • Natural Flamarrest Jacket

300V 75°C	6200UE	NEC: CMP CEC: CMP FT6	2	Black, Red	500 U-1000 1000	152.4 U-304.8 304.8	13.0 25.0 26.0	5.9 11.4 11.8	.009	.23	.015	.38	.180	4.57
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Jacket sequentially marked at 2 ft. intervals.

Multi-conductor • 14 AWG Stranded (19x27) Bare Copper Conductors • Rip Cord

Non-Plenum • PVC Insulation • PVC Jacket (Available in Red* or Gray)

300V 75°C	5100UE	NEC: CL3R FPLR*	2	Black, White	500 [†] U-1000 [†] 1000	152.4 U-304.8 304.8	20.0 38.0 40.0	9.1 17.2 18.2	.014	.36	.015	.38	.234	5.94
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[†]500 ft. and U-1000 ft. put-ups available in Gray only.

*Red jacket only suitable for Fire Alarm applications.

Jacket sequentially marked at 2 ft. intervals.

Plenum • Flamarrest Insulation • Natural Flamarrest Jacket

150V 75°C	6100UE	NEC: CL2P	2	Black, White	500 U-1000 1000 5000	152.4 U-304.8 304.8 1524.0	19.5 38.0 38.0 195.0	8.9 17.2 17.2 88.5	.011	.28	.015	.38	.222	5.64
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Jacket sequentially marked at 2 ft. intervals.

Multi-conductor • 12 AWG Stranded (19x25) Bare Copper Conductors • Rip Cord

Non-Plenum • PVC Insulation • PVC Jacket (Available in Red* or Gray)

300V 75°C	5000UE	NEC: CL3R FPLR*	2	Black, White	500 [†] 1000	152.4 304.8	29.0 57.0	13.2 25.9	.014	.36	.015	.38	.268	6.81
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[†]500 ft. put-up available in Gray only.

*Red jacket only suitable for Fire Alarm applications.

Jacket sequentially marked at 2 ft. intervals.

For additional selection of Belden® Security, Alarm and Communications Cables, refer to the New Generation® Cables section of this catalog.