

Line Level Analog Audio Cable

Single-Pair Cables



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

22 AWG Stranded (7x30) TC Conductors • Twisted Pair • Overall Beldfoil® Shield (100% Coverage) • 24 AWG Stranded TC Drain Wire

Polypropylene Insulation • PVC Jacket (Available in Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black)

300V RMS 60°C	1266A	NEC: CM	1	Black, Red	U-1000 1000 [▲]	U-304.8 304.8	15.0 15.0	6.8 6.8	.010 .25	.020 .51	.143 3.63	30 99	99 54	177
		CEC: CM												



[▲]1000 ft. put-up available in Black only.

Unique design features lower capacitance and greater flexibility than standard audio pair constructions.

PVC Insulation • PVC Jacket (Available in Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black)

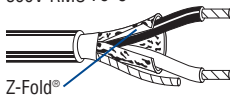
300V RMS 90°C	1503A	NEC: CM	1	Black, Red	U-1000	U-304.8	16.0	7.3	.010 .25	.020 .51	.142 3.61	53 174	97 318
		CEC: CM											



22 AWG Stranded (7x30) TC Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage) • 22 AWG Stranded TC Drain Wire

Polypropylene Insulation • Paper Wrap • Gray or Black PVC Jacket

300V RMS 75°C	8451	NEC: CMR	1	Black, Red	100 [▼] U-500	30.5 U-152.4	2.3 8.5	1.1 3.9	.008 .20	.020 .51	.138 3.51	34 111	67 220
		CEC: CMG FT4			500 U-1000	152.4 U-304.8	8.0 16.0	3.6 7.3					
					1000	304.8	16.0	7.3					



[▼]100 ft. put-up available in Black only.

Unique paper separator facilitates jacket stripping.

Polypropylene Insulation • PVC Jacket (Available in Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black)

300V RMS 75°C	9451	NEC: CMR	1	Black, Red	U-500* 500*	U-152.4 152.4	8.5 8.0	3.9 3.6	.008 .20	.020 .51	.135 3.43	35 115	67 220
		CEC: CMG FT4			T-1000* U-1000	T-304.8 U-304.8	18.0 15.0	8.2 6.8					
					5000	1524.0	75.0	34.0					



*U-500 ft., 500 ft. and T-1000 ft. put-ups available in Gray only.

The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

For cross-connect use with 1814R (et al.) Snake Cables, see page 19.21

Polypropylene Insulation • Black Low-Smoke, Zero-Halogen Jacket

LSZH and ABS Type Approved 300V RMS 105°C	9451SB new	NEC: CMG-LS	1	Black, Red	1000	304.8	20.0	9.1	.008 .20	.032 .81	.160 4.06	35 114	67 220
		CEC: CMG-LS FT4 Limited Smoke											



The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

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

300V RMS 60°C	9451P new	NEC: CMP	1	Black, Red	U-1000 5000	U-304.8 1524.0	16.0 75.0	7.3 34.0	.007 .18	.017 .43	.127 3.23	35 115	67 220
		CEC: CMP FT6											



The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

22 AWG Solid Tinned Copper Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage) • 22 AWG Solid TC Drain Wire

Polypropylene Insulation • Gray or Black PVC Jacket

300V RMS 75°C	8450	NEC: CM	1	Black, Red	U-500* U-1000*	U-152.4 U-304.8	7.5 14.0	3.4 6.4	.007 .18	.018 .46	.118 3.00	40 131	76 249
		CEC: CM			1000	304.8	13.0	5.9					



*U-500 ft. and U-1000 ft. put-ups available in Black only.

Belden's Miniature Type Broadcast Audio and Instrumentation Cables occupy 1/2 to 2/3 less space than standard cables.

FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

*Capacitance between conductors.

**Capacitance between one conductor and other conductors connected to shield.

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

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Line Level Analog Audio Cable

Double-Pair Cables



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

22 AWG Stranded (7x30) TC Conductors • Twisted Pairs • Individual Beldfoil® Shield (100% Coverage) • Stranded TC Common Drain Wire

Polypropylene Insulation • Chrome PVC Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

<p>Z-Fold®</p>	300V RMS 60°C	8723	NEC: CM	2	Red/Black, Green/White	100	30.5	2.3	1.0	.008	.20	—	—	.160	4.06	35	115	62	203
			CEC: CM			U-500	U-152.4	10.5	4.8										
						500	152.4	10.0	4.5										
						U-1000	U-304.8	20.0	9.1										
						1000	304.8	20.0	9.1										
						1640	499.9	32.8	14.9										
						U-2000	U-609.6	38.0	17.2										
						2000	609.6	40.0	18.2										
						3280	999.7	65.6	29.8										
						5000	1524.0	95.0	43.2										
					10000	3048.0	200.0	90.9											

For Plenum versions of 8723, see 88723, 87723 or 82723.

Polypropylene Insulation • Black Low-Smoke, Zero-Halogen Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

<p>Z-Fold®</p>	LSZH and ABS Type Approved 300V RMS 60°C	8723SB new	NEC: CMG-LS	2	Red & Black, Green & White	1000	304.8	26.0	11.8	—	—	—	—	.196	4.98	35	115	62	203
			CEC: CMG-LS FT4 Limited Smoke																

Polypropylene Insulation • Black Low-Smoke, Zero-Halogen Jacket

<p>Z-Fold®</p>	LSZH and ABS Type Approved 300V RMS	8777SB new	NEC: CMG-LS	3	See Chart 3	1000†	304.8	39.0	17.7	.010	.25	—	—	.273	6.93	30	98	55	180
			CEC: CMG-LS FT4 Limited Smoke		(Tech Info Section)														

Plenum • FEP Insulation • Red FEP Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

<p>Z-Fold®</p>	300V RMS 200°C	88723	NEC: CMP	2	Red/Black, Green/White	100†	30.5	3.4	1.5	.006	.15	—	—	.148	3.76	35	115	67	220
			CEC: CMP FT6			500†	152.4	11.0	5.0										
						1000†	304.8	19.0	8.6										

Plenum • FEP Insulation • Red Fluorocopolymer Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

<p>Z-Fold®</p>	300V RMS 150°C	87723	NEC: CMP	2	Red/Black, Green/White	500†	152.4	11.0	5.0	.006	.15	—	—	.148	3.76	35	115	67	220
			CEC: CMP FT6			1000†	304.8	18.0	8.2										

Plenum • FEP Insulation • Natural Flamarrest® Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

<p>Z-Fold®</p>	300V RMS 75°C	82723	NEC: CMP	2	Red/Black, Green/White	U-500†	U-152.4	10.5	4.8	.006	.15	—	—	.153	3.89	43	141	75	246
			CEC: CMP FT6			U-1000†	U-304.8	20.0	9.1										
						1000†	304.8	19.0	8.6										
						U-2000†	U-609.6	40.0	18.1										

FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

* Capacitance between conductors.

** Capacitance between one conductor and other conductors connected to shield.

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

RJ-45 Cables for Audio and Video Applications

4-Pair ScTP Cat 5e Indoor/Outdoor for Wireless LAN and High-Flex and Rugged Cat 5e Patch Cable



Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Insulation Thickness		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	Inch	mm										

Wireless LAN • 24 AWG Solid BC Conductors • Twisted Pairs • Overall Beldfoil Shield (100% Coverage) • Stranded TC Drain Wire

Non-Plenum • Polyolefin Insulation (Color Code: See Chart Below) • **Oil- and Sun-Resistant Black PVC Jacket**

300V RMS	1300A <small>new</small>	NEC: CMR, CMX CEC: CMG FT4	4	500	152.4	18.5	8.4	.010	.25	.265	6.73	9.3	3.0	330	1	2.0	62.3	60.0	60.8	100±15	20.0
Drain Wire				1000	304.8	34.0	15.4								4	4.1	53.3	49.0	48.7	100±15	23.0
															8	5.8	48.8	43.0	42.7	100±15	24.5
															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
															20	9.3	42.8	33.5	34.7	100±15	25.0
															25	10.4	41.3	30.9	32.8	100±15	24.3
															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

Shield bonded to jacket. Jacket sequentially marked at 2 ft. intervals.

Non-Plenum • Polypropylene Insulation (Color Code: See Chart Below) • **Black Low-Smoke, Zero-Halogen Jacket**

300V RMS	1300SB <small>new</small>	NEC: CMG-LS CEC: CMG-LS FT4 Limited Smoke	4	1000	304.8	35.0	15.9	.010	.25	.260	6.60	9.3	3.0	330	1	2.0	62.3	60.3	60.8	100±15	20.0
Drain Wire															4	4.1	53.3	49.2	48.7	100±15	23.0
															8	5.8	48.8	43.0	42.7	100±15	24.5
															10	6.5	47.3	40.8	40.8	100±15	25.0
															16	8.2	44.3	36.1	36.7	100±15	25.0
															20	9.3	42.8	33.5	34.7	100±15	25.0
															25	10.4	41.3	30.9	32.8	100±15	24.3
															31.25	11.7	39.9	28.2	30.9	100±15	23.6
															62.5	17.0	35.4	18.4	24.8	100±15	21.5
															100	22.0	32.3	10.3	20.8	100±15	20.1

LSZH and ABS Type Approved
Jacket sequentially marked at 2 ft. intervals.

Hi-Flex Patch • 24 AWG Bonded Pairs Stranded (7x32) Bare Copper Conductors

Non-Plenum • Polyolefin Insulation (Color Code: See Chart Below) • **Black Industrial-Grade PVC Jacket**

300V RMS	1304A <small>new</small>		4	500	152.4	14.5	6.6	.009	.22	.245	6.22	9.0	3.0	66	1	2.4	65.3	62.9	60.8	100±12	20.0
				1000	304.8	28.0	12.7								4	4.8	56.3	51.5	48.7	100±12	23.0
															8	6.8	51.8	45.0	42.7	100±12	24.5
															10	7.7	50.3	42.6	40.8	100±12	25.0
															16	9.7	47.3	37.5	36.7	100±12	25.0
															20	11.0	45.8	34.8	34.7	100±12	25.0
															25	12.4	44.3	31.9	32.8	100±15	24.3
															31.25	13.9	42.9	29.0	30.9	100±15	23.6
															62.5	20.2	38.4	18.3	24.8	100±15	21.5
															100	26.0	35.3	9.2	20.8	100±18	20.1
															300	48.6	28.2	—	11.2	100±20	18.0
															350	53.2	27.2	—	9.9	100±22	17.0

Jacket sequentially marked at 2 ft. intervals.

Non-Plenum • Polyolefin Insulation (Color Code: See Chart Below) • **PVC Inner Jacket • Matte Black PVC Outer Jacket**

300V RMS	1305A <small>new</small>		4	500	152.4	23.0	10.4	.009	.22	.295	7.49	9.0	3.0	66	1	2.4	65.3	62.9	60.8	100±12	20.0
				1000	304.8	42.0	19.1								4	4.8	56.3	51.5	48.7	100±12	23.0
															8	6.8	51.8	45.0	42.7	100±12	24.5
															10	7.7	50.3	42.6	40.8	100±12	25.0
															16	9.7	47.3	37.5	36.7	100±12	25.0
															20	11.0	45.8	34.8	34.7	100±12	25.0
															25	12.4	44.3	31.9	32.8	100±15	24.3
															31.25	13.9	42.9	29.0	30.9	100±15	23.6
															62.5	20.2	38.4	18.3	24.8	100±15	21.5
															100	26.0	35.3	9.2	20.8	100±18	20.1
															300	48.6	28.2	—	11.2	100±20	18.0
															350	53.2	27.2	—	9.9	100±22	17.0

Jacket sequentially marked at 2 ft. intervals.

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

Teflon is a DuPont trademark.

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

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