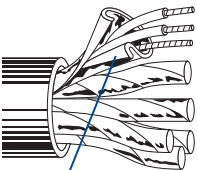
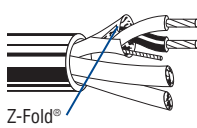


Individually Shielded

Audio, Control and Instrumentation Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Nom. DCR		Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nom. Capacitance			
					Ft.	m	Lbs.	kg	Cond.	Shield	Inch	mm			* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m
22 AWG Stranded (7x30) TC Conductors • Twisted Pairs • Individually Shielded w/Beldfoil® (100% Coverage) • 22 AWG Stranded TC Drain Wire																		
Polypropylene Insulation • Chrome PVC Jacket																		
 Z-Fold®	8777	NEC:	3	See Chart 3 (Tech Info Section)	100	30.5	4.7	2.1	15.0Ω/M'	10.6Ω/M'	.273	6.93	50	66%	30	98	55	180
		CM			250	76.2	10.0	4.5	49.2Ω/km	34.8Ω/km								
		CEC:			U-500	U-152.4	21.0	9.5										
		CM			500	152.4	20.0	9.1										
					U-1000	U-304.8	41.0	18.6										
					1000	304.8	44.0	20.0										
					1640	499.9	70.5	32.0										
					3280	999.7	141.0	64.0										
					5000	1524.0	215.0	97.6										
					10000 ††	3048.0	460.0	208.8										
For Plenum versions of 8777, see 88777, 87777 or 82777.																		
	8778	NEC:	6	See Chart 3 (Tech Info Section)	100	30.5	8.4	3.8	15.0Ω/M'	10.6Ω/M'	.362	9.19	50	66%	30	98	55	180
		CM			250	76.2	19.0	8.6	49.2Ω/km	34.8Ω/km								
		CEC:			500	152.4	43.0	19.5										
		CM			1000	304.8	83.0	37.7										
For Plenum versions of 8778, see 88778, 87778 or 82778.																		
	8774	NEC:	9	See Chart 3 (Tech Info Section)	100	30.5	11.5	5.2	15.0Ω/M'	10.6Ω/M'	.417	10.59	50	66%	30	98	55	180
		CM			250	76.2	29.5	13.4	49.2Ω/km	34.8Ω/km								
		CEC:			500	152.4	57.5	26.1										
		CM			1000	304.8	113.0	51.3										
	8775	NEC:	11	See Chart 3 (Tech Info Section)	100	30.5	12.1	5.5	15.0Ω/M'	10.6Ω/M'	.464	11.79	50	66%	30	98	55	180
		CM			500	152.4	65.5	29.7	49.2Ω/km	34.8Ω/km								
		CEC:			1000	304.8	130.0	59.0										
		CM																
	9768	NEC:	12	See Chart 3 (Tech Info Section)	100	30.5	13.2	6.0	15.0Ω/M'	10.6Ω/M'	.464	11.79	50	66%	30	98	55	180
		CM			250	76.2	36.5	16.5	49.2Ω/km	34.8Ω/km								
		CEC:			500	152.4	73.5	33.4										
		CM			1000	304.8	143.0	65.0										
	8776	NEC:	15	See Chart 3 (Tech Info Section)	100	30.5	17.8	8.1	15.0Ω/M'	10.6Ω/M'	.548	13.92	50	66%	30	98	55	180
		CM			250	76.2	49.5	22.5	49.2Ω/km	34.8Ω/km								
		CEC:			500	152.4	98.0	44.5										
		CM			1000	304.8	197.0	89.5										
	9769	NEC:	17	See Chart 3 (Tech Info Section)	100	30.5	20.0	9.1	15.0Ω/M'	10.6Ω/M'	.577	14.66	50	66%	30	98	55	180
		CM			500	152.4	109.0	49.5	49.2Ω/km	34.8Ω/km								
		CEC:			1000	304.8	215.0	97.7										
		CM																
	8769	NEC:	19	See Chart 3 (Tech Info Section)	100	30.5	22.9	10.4	15.0Ω/M'	10.6Ω/M'	.603	15.32	50	66%	30	98	55	180
		CM			500	152.4	123.0	55.8	49.2Ω/km	34.8Ω/km								
		CEC:			1000	304.8	244.0	110.8										
		CM																
	8773	NEC:	27	See Chart 3 (Tech Info Section)	100	30.5	33.9	15.4	15.0Ω/M'	10.6Ω/M'	.709	18.00	50	66%	30	98	55	180
		CM			250 †	76.2	83.8	38.0	49.2Ω/km	34.8Ω/km								
		CEC:			500	152.4	163.0	74.0										
		CM			1000	304.8	341.0	154.8										
	9767	NEC:	37	See Chart 3 (Tech Info Section)	500 †	152.4	224.0	101.8	15.0Ω/M'	10.6Ω/M'	.800	20.32	50	66%	30	98	55	180
		CM			1000 †	304.8	481.0	218.6	49.2Ω/km	34.8Ω/km								
		CEC:																
		CM																

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

 Z-Fold®	8777SB	NEC:	3	See Chart 3 (Tech Info Section)	U-500†	U-152.4	19.5	8.9	15.0Ω/M'	10.6Ω/M'	.273	6.93	50	66%	30	98	55	180
		CMG-LS			U-1000	U-304.8	38.0	17.3	49.2Ω/km	34.8Ω/km								
		CEC:			1000†	304.8	39.0	17.7										
		CMG-LS FT4																
		Limited Smoke																

DCR = DC Resistance • TC = Tinned Copper

See Attenuation, Rise Time and Bit Rate Data for this series on page 5.39.

*Capacitance between conductors.

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

† Spools are one piece, but length may vary -0 to +20% from length shown.

†† Final put-up length may vary -10% to +20% from length shown. May contain 2 pieces. Minimum length of any one piece is 1500 ft.



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