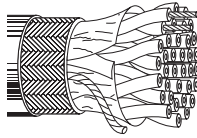


Overall Foil/Braid Shield

Low-Capacitance Computer Cables for EIA RS-232 and EIA RS-422 Applications

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
28 AWG Stranded (7x36) TC Conductors • Overall Beldfoil® (100% Coverage) + TC Braid Shield (90% Coverage) • 28 AWG Stranded TC Drain Wire																		
Polypropylene Insulation • Chrome PVC Jacket																		
	UL AWM Style 2960 (30V 60°C)	9804	NEC: CL2	2	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	3.9 14.5 32.0	1.8 6.6 14.5	64.9Ω/M' 212.9Ω/km	4.9Ω/M' 16.1Ω/km	.214 5.44	100	66%	15.5	50.9	27.5	90.2
	9805	NEC: CL2	3	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.2 15.5 35.0	1.9 7.0 15.9	64.9Ω/M' 212.9Ω/km	4.2Ω/M' 13.8Ω/km	.222 5.64	100	66%	15.5	50.9	27.5	90.2	
	9806	NEC: CL2	4	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.3 17.5 39.0	2.0 7.9 17.7	64.9Ω/M' 212.9Ω/km	4.0Ω/M' 13.1Ω/km	.237 6.02	100	66%	15.5	50.9	27.5	90.2	
	9807	NEC: CL2	5	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.3 18.0 39.0	2.0 8.2 17.7	64.9Ω/M' 212.9Ω/km	4.2Ω/M' 13.8Ω/km	.240 6.10	100	66%	15.5	50.9	27.5	90.2	
	9808	NEC: CL2	7	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.9 20.5 44.0	2.2 9.3 20.0	64.9Ω/M' 212.9Ω/km	3.7Ω/M' 12.1Ω/km	.256 6.50	100	66%	15.5	50.9	27.5	90.2	
	9809	NEC: CL2	9	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	5.7 25.0 53.0	2.6 11.3 24.1	64.9Ω/M' 212.9Ω/km	3.1Ω/M' 10.2Ω/km	.290 7.37	100	66%	15.5	50.9	27.5	90.2	
	9812	NEC: CL2	12	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	6.7 31.0 62.0	3.0 14.1 28.2	64.9Ω/M' 212.9Ω/km	2.8Ω/M' 9.2Ω/km	.319 8.10	100	66%	15.5	50.9	27.5	90.2	
	9813	NEC: CL2	13	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	7.0 34.0 66.0	3.2 15.5 30.0	64.9Ω/M' 212.9Ω/km	2.2Ω/M' 7.2Ω/km	.336 8.53	100	66%	15.5	50.9	27.5	90.2	
	9819	NEC: CL2	18	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	8.3 41.0 82.0	3.8 18.6 37.3	64.9Ω/M' 212.9Ω/km	2.0Ω/M' 6.7Ω/km	.365 9.27	100	66%	15.5	50.9	27.5	90.2	
	9825	NEC: CL2	25	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	9.9 54.5 108.0	4.5 24.8 49.1	64.9Ω/M' 212.9Ω/km	1.9Ω/M' 6.2Ω/km	.429 10.90	100	66%	15.5	50.9	27.5	90.2	
9814	NEC: CL2	31	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	11.8 64.0 127.0	5.4 29.1 57.7	64.9Ω/M' 212.9Ω/km	2.1Ω/M' 6.9Ω/km	.462 11.73	100	66%	15.5	50.9	27.5	90.2		

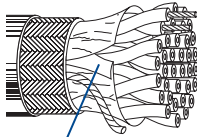
DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.

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

Overall Foil/Braid Shield

Low-Capacitance Computer Cables for EIA RS-232 and EIA RS-485 Applications

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
28 AWG Stranded (7x36) TC Conductors • Overall Beldfoil® (100% Coverage) + TC Braid Shield (65% Coverage) • 28 AWG Stranded TC Drain Wire																		
Datalene® Insulation • Chrome PVC Jacket																		
 <p>Shorting Fold</p>	8132	NEC: CL2	2	See Chart 5 (Tech Info Section)	100	30.5	3.6	1.6	65.0Ω/M'	5.1Ω/M'	.220	5.59	120	78%	11.0	36.1	20.0	65.6
					500	152.4	14.5	6.6	213.0Ω/km	16.6Ω/km								
					1000	304.8	29.0	13.2										
	8133	NEC: CL2	3	See Chart 5 (Tech Info Section)	100	30.5	3.8	1.7	65.0Ω/M'	5.2Ω/M'	.270	6.86	120	78%	11.0	36.1	20.0	65.6
					500	152.4	15.0	6.8	213.0Ω/km	17.1Ω/km								
					1000	304.8	34.0	15.5										
	8134	NEC: CL2	4	See Chart 5 (Tech Info Section)	100	30.5	4.3	2.0	65.0Ω/M'	4.4Ω/M'	.290	7.37	120	78%	11.0	36.1	20.0	65.6
					500	152.4	18.0	8.2	213.0Ω/km	14.3Ω/km								
					1000	304.8	39.0	17.7										
	8135	NEC: CL2	5	See Chart 5 (Tech Info Section)	100	30.5	4.6	2.1	65.0Ω/M'	4.2Ω/M'	.300	7.62	120	78%	11.0	36.1	20.0	65.6
500					152.4	42.0	19.1	213.0Ω/km	13.8Ω/km									
1000					304.8	92.0	41.8											
8138	NEC: CL2	8	See Chart 5 (Tech Info Section)	100	30.5	5.6	2.5	65.0Ω/M'	3.7Ω/M'	.330	8.38	120	78%	11.0	36.1	20.0	65.6	
				500	152.4	27.0	12.3	213.0Ω/km	12.3Ω/km									
				1000	304.8	52.0	23.6											
8142	NEC: CL2	12.5 (12 pairs + 1 single)	See Chart 5 (Tech Info Section)	100	30.5	6.8	3.1	65.0Ω/M'	3.1Ω/M'	.375	9.53	120	78%	11.0	36.1	20.0	65.6	
				500	152.4	33.0	15.0	213.0Ω/km	10.1Ω/km									
				1000	304.8	66.0	29.9											
8148	NEC: CL2	18	See Chart 5 (Tech Info Section)	100	30.5	8.5	3.9	65.0Ω/M'	2.6Ω/M'	.465	11.81	120	78%	11.0	36.1	20.0	65.6	
				500	152.4	47.5	21.6	213.0Ω/km	8.4Ω/km									
				1000	304.8	92.0	41.8											
8155	NEC: CL2	25	See Chart 5 (Tech Info Section)	100	30.5	11.1	5.0	65.0Ω/M'	2.3Ω/M'	.565	14.35	120	78%	11.0	36.1	20.0	65.6	
				500	152.4	64.0	29.1	213.0Ω/km	7.6Ω/km									
				1000	304.8	121.0	55.0											

DCR = DC Resistance • TC = Tinned Copper



*Capacitance between conductors.

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

Datalene insulation features include low dielectric constant and a dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight.

Overall Foil/Braid Shield

Low-Capacitance Computer Cables for EIA RS-485 Applications
Plenum-Rated and Non-Plenum

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		
24 AWG Stranded (7x32) TC Conductors • Overall Beldfoil® (100% Coverage) + TC Braid Shield (90% Coverage) • 24 AWG Stranded TC Drain Wire																				
Polyethylene Insulation • Chrome PVC Jacket																				
 UL AWM Style 2919 (30V 80°C) DMX 512	9841	NEC:	1	See	100	30.5	4.3	2.0	24.0Ω/M'	3.4Ω/M'	.232	5.89	120	66%	12.8	42.0	23.0	75.5		
		CM		Chart 5	500	152.4	20.0	9.1	78.7Ω/km	11.0Ω/km	For Plenum versions of 9841, see 82841 or 89841.									
		CEC:		(Tech Info	1000	304.8	40.0	18.2												
		CM		Section)																
	9842	NEC:	2	See	100	30.5	5.8	2.6	24.0Ω/M'	2.2Ω/M'	.340	8.64	120	66%	12.8	42.0	23.0	75.5		
		CM		Chart 5	500	152.4	29.5	13.4	78.7Ω/km	7.2Ω/km	For Plenum versions of 9842, see 82842.									
		CEC:		(Tech Info	1000	304.8	57.0	25.9												
		CM		Section)																
	9843	NEC:	3	See	100	30.5	7.1	3.2	24.0Ω/M'	2.3Ω/M'	.360	9.14	120	66%	12.8	42.0	23.0	75.5		
		CM		Chart 5	500	152.4	34.5	15.7	78.7Ω/km	7.7Ω/km										
		CEC:		(Tech Info	1000	304.8	67.0	30.5												
		CM		Section)																
	9844	NEC:	4	See	500	152.4	43.0	19.5	24.0Ω/M'	2.1Ω/M'	.390	9.91	120	66%	12.8	42.0	23.0	75.5		
		CM		Chart 5	1000	304.8	83.0	37.7	78.7Ω/km	6.9Ω/km										
		CEC:		(Tech Info																
		CM		Section)																
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																				
 300V RMS	82841	NEC:	1	See	500	152.4	13.0	6.0	24.0Ω/M'	3.1Ω/M'	.204	5.18	120	76%	12	39.4	22	72.2		
		CMP		Chart 5	1000	304.8	26.0	11.8	78.7v/km	10.2Ω/km										
		CEC:		(Tech Info																
	82842	NEC:	2	See	500	152.4	19.0	8.6	24.0Ω/M'	2.4Ω/M'	.273	6.93	120	76%	12	39.4	22	72.2		
		CMP		Chart 5	1000	304.8	42.0	19.1	78.7Ω/km	7.9Ω/km										
		CEC:		(Tech Info																
	82842	NEC:	2	See	500	152.4	25.5	11.6	24.0Ω/M'	3.1Ω/M'	.305	7.75	120	76%	12	39.4	22	72.2		
		CMP		Chart 5	1000	304.8	49.0	22.2	78.7Ω/km	10.2Ω/km										
		CEC:		(Tech Info																
	89841	NEC:	1	See	500	152.4	13.5	6.1	24.0Ω/M'	3.1Ω/M'	.202	5.13	120	76%	12	39.4	22	72.2		
		CMP		Chart 5	1000	304.8	27.0	12.3	78.7Ω/km	10.2Ω/km										
		CEC:		(Tech Info																
	89842 <small>new</small>	NEC:	2	See	500	152.4	25.5	11.6	24.0Ω/M'	3.1Ω/M'	.305	7.75	120	76%	12	39.4	22	72.2		
		CMP		Chart 5	1000	304.8	49.0	22.2	78.7Ω/km	10.2Ω/km										
		CEC:		(Tech Info																

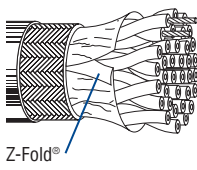
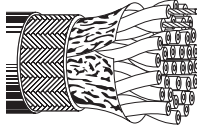
DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.

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

Overall Foil/Braid Shield

Low-Capacitance Computer Cables for EIA RS-232 Applications

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
24 AWG Stranded (7x32) TC Conductors • Twisted Pairs • Overall Beldfoil® (100% Coverage) + TC Braid Shield (65% Coverage)																		
Semi-rigid PVC Insulation • Chrome PVC Jacket																		
UL AWM Style 2464 (300V 80°C) CSA AWM I A	8332	NEC:	2	See	100	30.5	4.1	1.9	24.0Ω/M'	5.4Ω/M'	.250	6.35	75	60%	30	98	50	164
		CMG:		Chart 5	500	152.4	16.5	7.5	78.7Ω/km	17.7Ω/km								
		CEC:		(Tech Info Section)	1000	304.8	37.0	16.8										
		CMG FT4																
 Z-Fold®	8333	NEC:	3	See	100	30.5	4.8	2.2	24.0Ω/M'	6.6Ω/M'	.265	6.73	75	60%	30	98	50	164
		CMG:		Chart 5	500	152.4	20.5	9.3	78.7Ω/km	21.7Ω/km								
		CEC:		(Tech Info Section)	1000	304.8	44.0	20.1										
		CMG FT4																
	8334	NEC:	4	See	100	30.5	5.3	2.4	24.0Ω/M'	4.5Ω/M'	.288	7.32	75	60%	30	98	50	164
		CMG:		Chart 5	500	152.4	22.5	10.2	78.7Ω/km	14.8Ω/km								
		CEC:		(Tech Info Section)	1000	304.8	49.0	22.3										
		CMG FT4																
	8335	NEC:	5	See	100	30.5	6.0	2.7	24.0Ω/M'	4.6Ω/M'	.295	7.49	75	60%	30	98	50	164
		CMG:		Chart 5	500	152.4	29.5	13.4	78.7Ω/km	15.1Ω/km								
		CEC:		(Tech Info Section)	1000	304.8	57.0	25.9										
		CMG FT4																
	8336	NEC:	6	See	100	30.5	6.5	3.0	24.0Ω/M'	4.7Ω/M'	.310	7.87	75	60%	30	98	50	164
		CMG:		Chart 5	500	152.4	31.5	14.3	78.7Ω/km	15.4Ω/km								
		CEC:		(Tech Info Section)	1000	304.8	62.0	28.2										
		CMG FT4																
	8337	NEC:	7	See	100	30.5	6.8	3.1	24.0Ω/M'	4.7Ω/M'	.321	8.15	75	60%	30	98	50	164
		CMG:		Chart 5	500	152.4	33.0	14.9	78.7Ω/km	15.4Ω/km								
		CEC:		(Tech Info Section)	1000	304.8	65.0	29.5										
		CMG FT4																
	8340	NEC:	10	See	100	30.5	9.1	4.1	24.0Ω/M'	3.5Ω/M'	.385	9.78	75	60%	30	98	50	164
		CMG:		Chart 5	500	152.4	43.5	19.7	78.7Ω/km	11.5Ω/km								
		CEC:		(Tech Info Section)	1000	304.8	90.0	40.9										
		CMG FT4																
	8342	NEC:	12.5	See	100	30.5	11.0	5.0	24.0Ω/M'	3.6Ω/M'	.405	10.29	75	60%	30	98	50	164
		CMG:		(12 pairs + 1 single) Chart 5	500	152.4	55.0	25.0	78.7Ω/km	11.8Ω/km								
		CEC:		(Tech Info Section)	1000	304.8	109.0	49.5										
		CMG FT4																
	8345	NEC:	15	See	500	152.4	61.5	28.0	24.0Ω/M'	3.2Ω/M'	.445	11.30	75	60%	30	98	50	164
		CMG:		Chart 5	1000	304.8	123.0	55.9	78.7Ω/km	10.5Ω/km								
		CEC:		(Tech Info Section)														
		CMG FT4																
UL AWM Style 2464 (300V 80°C)	8348	NEC:	18	See	100	30.5	14.2	6.4	24.0Ω/M'	2.7Ω/M'	.480	12.19	75	60%	30	98	50	164
		CMG:		Chart 5	500	152.4	78.5	35.8	78.7Ω/km	8.9Ω/km								
		CEC:		(Tech Info Section)	1000	304.8	152.0	69.3										
		CMG FT4																
	8355	NEC:	25	See	500	152.4	96.5	43.9	24.0Ω/M'	2.5Ω/M'	.550	13.97	75	60%	30	98	50	164
		CMG:		Chart 5	1000	304.8	195.0	88.6	78.7Ω/km	8.2Ω/km								
		CEC:		(Tech Info Section)														
		CMG FT4																

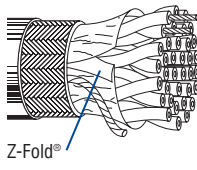
DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.

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

Overall Foil/Braid Shield

Low-Capacitance Computer Cables for EIA RS-232 and EIA RS-422 Applications

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
24 AWG Stranded (7x32) TC Conductors • Twisted Pairs • Overall Beldfoil® (100% Coverage) + TC Braid Shield (65% Coverage) • TC Drain Wire†																		
Polyethylene Insulation • Chrome PVC Jacket																		
 <p>Z-Fold®</p>	9829	NEC: CM CEC: CM	2	See Chart 5 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.7 22.0 43.0	2.1 10.0 19.5	24.0Ω/M' 78.7Ω/km	4.4Ω/M' 14.4Ω/km	.291 7.39	100	66%	15.5	50.9	27.5	90.2	
	9830	NEC: CM CEC: CM	3	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	26.5 53.0	12.0 24.1	24.0Ω/M' 78.7Ω/km	4.4Ω/M' 14.4Ω/km	.305 7.74	100	66%	15.5	50.9	27.5	90.2	
	9831	NEC: CM CEC: CM	4	See Chart 5 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	6.2 30.0 58.0	2.8 13.6 26.4	24.0Ω/M' 78.7Ω/km	3.9Ω/M' 12.8Ω/km	.330 8.38	100	66%	15.5	50.9	27.5	90.2	
	9832	NEC: CM CEC: CM	5	See Chart 5 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	6.6 32.5 65.0	3.0 14.8 29.5	24.0Ω/M' 78.7Ω/km	3.9Ω/M' 12.8Ω/km	.338 8.59	100	66%	15.5	50.9	27.5	90.2	
	9839	NEC: CM CEC: CM	6	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	35.5 69.0	16.1 31.4	24.0Ω/M' 78.7Ω/km	2.1Ω/M' 6.9Ω/km	.364 9.25	100	66%	15.5	50.9	27.5	90.2	
	9833	NEC: CM CEC: CM	7	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	38.5 77.0	17.5 35.0	24.0Ω/M' 78.7Ω/km	3.7Ω/M' 12.1Ω/km	.370 9.40	100	66%	15.5	50.9	27.5	90.2	
	9834	NEC: CM CEC: CM	9	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	47.0 93.0	21.4 42.3	24.0Ω/M' 78.7Ω/km	3.0Ω/M' 9.8Ω/km	.419 10.64	100	66%	15.5	50.9	27.5	90.2	
	9835	NEC: CM CEC: CM	10	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	51.5 102.0	23.4 46.4	24.0Ω/M' 78.7Ω/km	2.8Ω/M' 9.2Ω/km	.451 11.46	100	66%	15.5	50.9	27.5	90.2	
	9836	NEC: CM CEC: CM	12	See Chart 5 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	10.4 57.0 114.0	4.7 25.9 51.8	24.0Ω/M' 78.7Ω/km	2.8Ω/M' 9.2Ω/km	.464 11.79	100	66%	15.5	50.9	27.5	90.2	
	9837	NEC: CM CEC: CM	18	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	87.5 174.0	39.8 79.1	24.0Ω/M' 78.7Ω/km	2.0Ω/M' 6.6Ω/km	.567 14.40	100	66%	15.5	50.9	27.5	90.2	
9838	NEC: CM CEC: CM	25	See Chart 5 (Tech Info Section)	500	152.4	113.0	51.4	24.0Ω/M' 78.7Ω/km	1.9Ω/M' 6.2Ω/km	.670 17.02	100	66%	15.5	50.9	27.5	90.2		

†24 AWG stranded TC drain wire.

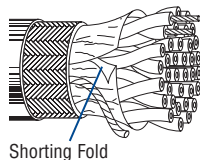
DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.

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

Overall Foil/Braid Shield

Low-Capacitance Computer Cables for EIA RS-232 and EIA RS-422 Applications

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
24 AWG Stranded (7x32) TC Conductors • Twisted Pairs • Overall Beldfoil® (100% Coverage) + TC Braid Shield (65% Coverage) • Drain Wire†																		
Datalene® Insulation • Chrome PVC Jacket																		
 <p>UL AWM Style 2919 (30V 80°C)</p> <p>Shorting Fold</p>	8102	NEC: CM CEC: CM	2	See Chart 5 (Tech Info Section)	100 500 1000 10000	30.5 152.4 304.8 3048.0	4.1 17.0 38.0 380.0	1.9 7.7 17.3 172.7	24.0Ω/M' 78.7Ω/km	4.6Ω/M' 15.1Ω/km	.270 6.86	100	78%	12.5	41	22	72.2	
	8103	NEC: CM CEC: CM	3	See Chart 5 (Tech Info Section)	100 500 1000 10000	30.5 152.4 304.8 3048.0	4.6 19.5 42.0 430.0	2.1 8.9 19.1 195.5	24.0Ω/M' 78.7Ω/km	3.8Ω/M' 12.5Ω/km	.283 7.19	100	78%	12.5	41	22	72.2	
	8104	NEC: CM CEC: CM	4	See Chart 5 (Tech Info Section)	100 500 1000 10000	30.5 152.4 304.8 3048.0	5.1 21.0 46.0 490.0	2.3 9.5 20.9 222.7	24.0Ω/M' 78.7Ω/km	4.1Ω/M' 13.5Ω/km	.302 7.67	100	78%	12.5	41	22	72.2	
	8105	NEC: CM CEC: CM	5	See Chart 5 (Tech Info Section)	100 500 1000 10000	30.5 152.4 304.8 3048.0	5.8 28.0 53.0 53.0	2.6 12.7 24.1 24.1	24.0Ω/M' 78.7Ω/km	4.2Ω/M' 13.8Ω/km	.316 8.03	100	78%	12.5	41	22	72.2	
	8106	NEC: CM CEC: CM	6	See Chart 5 (Tech Info Section)	100 500 1000 10000	30.5 152.4 304.8 3048.0	6.3 30.5 58.0 58.0	2.9 13.9 26.4 26.4	24.0Ω/M' 78.7Ω/km	3.5Ω/M' 11.5Ω/km	.341 8.66	100	78%	12.5	41	22	72.2	
	8107	NEC: CM CEC: CM	7	See Chart 5 (Tech Info Section)	100 500 1000 10000	30.5 152.4 304.8 3048.0	6.8 33.0 63.0 63.0	3.1 15.0 28.6 28.6	24.0Ω/M' 78.7Ω/km	3.5Ω/M' 11.5Ω/km	.341 8.66	100	78%	12.5	41	22	72.2	
	8108	NEC: CM CEC: CM	8	See Chart 5 (Tech Info Section)	100 500 1000 10000	30.5 152.4 304.8 3048.0	7.6 37.5 72.0 72.0	3.5 17.1 32.8 32.8	24.0Ω/M' 78.7Ω/km	2.7Ω/M' 8.9Ω/km	.370 9.40	100	78%	12.5	41	22	72.2	
	8110	NEC: CM CEC: CM	10	See Chart 5 (Tech Info Section)	100 500 1000 10000	30.5 152.4 304.8 3048.0	8.1 45.5 90.0 90.0	3.7 20.7 40.9 40.9	24.0Ω/M' 78.7Ω/km	2.4Ω/M' 7.9Ω/km	.427 10.85	100	78%	12.5	41	22	72.2	
	8112	NEC: CM CEC: CM	12.5 (12 pairs + 1 single)	See Chart 5 (Tech Info Section)	100 500 1000 10000	30.5 152.4 304.8 3048.0	9.2 51.0 101.0 101.0	4.2 23.3 45.9 45.9	24.0Ω/M' 78.7Ω/km	2.4Ω/M' 7.9Ω/km	.440 11.18	100	78%	12.5	41	22	72.2	
	8115	NEC: CM CEC: CM	15	See Chart 5 (Tech Info Section)	500 1000 10000	152.4 304.8 3048.0	63.5 116.0 52.7	28.9	24.0Ω/M' 78.7Ω/km	2.6Ω/M' 8.5Ω/km	.495 12.57	100	78%	12.5	41	22	72.2	
8118	NEC: CM CEC: CM	18	See Chart 5 (Tech Info Section)	100 500 1000 10000	30.5 152.4 304.8 3048.0	13.3 70.5 144.0 144.0	6.0 32.0 65.5 65.5	24.0Ω/M' 78.7Ω/km	2.1Ω/M' 6.9Ω/km	.537 13.64	100	78%	12.5	41	22	72.2		
8125	NEC: CM CEC: CM	25	See Chart 5 (Tech Info Section)	100 500 1000 10000	30.5 152.4 304.8 3048.0	20.7 98.0 191.0 191.0	9.4 44.5 86.8 86.8	24.0Ω/M' 78.7Ω/km	2.0Ω/M' 6.6Ω/km	.632 16.05	100	78%	12.5	41	22	72.2		

†24 AWG stranded TC drain wire.

DCR = DC Resistance • TC = Tinned Copper

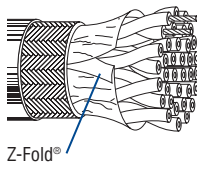
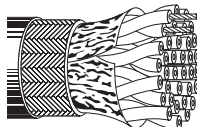
*Capacitance between conductors.

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

Datalene insulation features include low dielectric constant and a dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight.

Overall Foil/Braid Shield

Low-Capacitance Computer Cables for EIA RS-232 Applications

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) Tinned Copper Conductors • Twisted Pairs • Overall Beldfoil® (100% Coverage) + TC Braid Shield (65% Coverage)																			
Semi-rigid PVC Insulation • Chrome PVC Jacket																			
 <p>UL AWM Style 2464 (300V 80°C)</p> <p>Z-Fold®</p>	8302	NEC:	2	See	100	30.5	4.5	2.0	15.0Ω/M'	5.7Ω/M'	.260	6.60	70	60%	40	131	72	236	
		CMG		Chart 3	500	152.4	19.0	8.6	49.2Ω/km	18.7Ω/km									
		CEC:		(Tech Info Section)	1000	304.8	41.0	18.6											
		CMG FT4																	
	8303	NEC:	3	See	100	30.5	5.2	2.4	15.0Ω/M'	6.2Ω/M'	.270	6.86	70	60%	35	115	63	207	
		CMG		Chart 3	500	152.4	25.5	11.6	49.2Ω/km	20.3Ω/km									
		CEC:		(Tech Info Section)	1000	304.8	48.0	21.8											
		CMG FT4																	
	8304	NEC:	4	See	100	30.5	6.7	3.0	15.0Ω/M'	4.9Ω/M'	.320	8.13	70	60%	35	115	63	207	
		CMG		Chart 3	500	152.4	32.5	14.7	49.2Ω/km	16.1Ω/km									
CEC:		(Tech Info Section)		1000	304.8	65.0	29.5												
	CMG FT4																		
8305	NEC:	5	See	100	30.5	7.2	3.3	15.0Ω/M'	4.8Ω/M'	.322	8.18	70	60%	35	115	63	207		
	CMG		Chart 3	500	152.4	35.0	15.9	49.2Ω/km	15.7Ω/km										
	CEC:		(Tech Info Section)	1000	304.8	67.0	30.4												
	CMG FT4																		
8306	NEC:	6	See	100	30.5	8.0	3.6	15.0Ω/M'	5.0Ω/M'	.348	8.84	70	60%	35	115	63	207		
	CMG		Chart 3	500	152.4	39.5	18.0	49.2Ω/km	16.4Ω/km										
	CEC:		(Tech Info Section)	1000	304.8	79.0	35.8												
	CMG FT4																		
8307	NEC:	7	See	100	30.5	8.6	3.9	15.0Ω/M'	5.0Ω/M'	.348	8.84	70	60%	35	115	63	207		
	CMG		Chart 3	500	152.4	42.0	19.0	49.2Ω/km	16.4Ω/km										
	CEC:		(Tech Info Section)	1000	304.8	85.0	38.6												
	CMG FT4																		
8308	NEC:	8	See	100	30.5	10.4	4.7	15.0Ω/M'	4.4Ω/M'	.384	9.75	70	60%	35	115	63	207		
	CMG		Chart 3	500	152.4	50.0	22.7	49.2Ω/km	14.4Ω/km										
	CEC:		(Tech Info Section)	1000	304.8	101.0	46.0												
	CMG FT4																		
 <p>UL AWM Style 2464 (300V 80°C)</p>	8310	NEC:	10	See	100	30.5	11.1	5.0	15.0Ω/M'	4.1Ω/M'	.440	11.18	70	60%	35	115	63	207	
		CMG		Chart 3	500	152.4	60.5	27.4	49.2Ω/km	13.4Ω/km									
		CEC:		(Tech Info Section)	1000	304.8	121.0	54.9											
		CMG FT4																	
	8312	NEC:	12	See	100	30.5	12.9	5.9	15.0Ω/M'	4.2Ω/M'	.455	11.56	70	60%	35	115	63	207	
		CMG		Chart 3	500	152.4	72.0	32.8	49.2Ω/km	13.8Ω/km									
		CEC:		(Tech Info Section)	1000	304.8	140.0	63.8											
		CMG FT4																	
	8315	NEC:	15	See	100	30.5	15.7	7.1	15.0Ω/M'	3.8Ω/M'	.502	12.75	70	60%	35	115	63	207	
		CMG		Chart 3	500	152.4	85.5	39.0	49.2Ω/km	12.5Ω/km									
CEC:		(Tech Info Section)		1000	304.8	167.0	76.1												
	CMG FT4																		
8318	NEC:	18	See	100	30.5	17.7	8.0	15.0Ω/M'	3.0Ω/M'	.535	13.59	70	60%	35	115	63	207		
	CMG		Chart 3	500	152.4	97.5	44.2	49.2Ω/km	9.8Ω/km										
	CEC:		(Tech Info Section)	1000	304.8	196.0	89.1												
	CMG FT4																		
8325	NEC:	25	See	100	30.5	23.1	10.5	15.0Ω/M'	2.9Ω/M'	.620	15.75	70	60%	35	115	63	207		
	CMG		Chart 3	500	152.4	126.0	57.4	49.2Ω/km	9.5Ω/km										
	CEC:		(Tech Info Section)	1000	304.8	246.0	112.1												
	CMG FT4																		

DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.

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