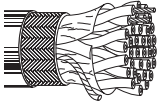


### Overall Foil/Braid Shield

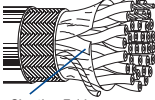
Low-Capacitance Computer Cables  
for EIA RS-232 and EIA RS-422 Applications

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ( )	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	
<b>28 AWG • Stranded (7x36) 0.4 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield + 90% TC Braid • 28 AWG TC Drain Wire</b> <b>Polypropylene Insulation • Chrome PVC Jacket</b>																	
30V 60°C UL AWM Style 2960		NEC: CL2					0.38 mm 28 AWG (7x36) TC	0.033	0.84		Overall Beldfoil® + Overall 90% TC Braid + Drain Wire (28 AWG TC)		100	66%			see chart 3 (Tech Info Section)
																	
<b>9804</b>	2-Pair		100 500 1000	31 152 305	4.0 14.6 32.0	1.8 6.6 14.5					0.214	5.44			CDR/CDR CDR/SCR	16 28	51 90
<b>9805</b>	3-Pair		100 500 1000	31 152 305	4.2 15.4 35.1	1.9 7.0 15.9					0.222	5.64			CDR/CDR CDR/SCR	16 28	51 90
<b>9806</b>	4-Pair		100 500 1000	31 152 305	4.4 17.4 39.0	2.0 7.9 17.7					0.237	6.02			CDR/CDR CDR/SCR	16 28	51 90
<b>9807</b>	5-Pair		100 500 1000	31 152 305	4.4 19.6 39.0	2.0 8.9 17.7					0.240	6.10			CDR/CDR CDR/SCR	16 28	51 90
<b>9808</b>	7-Pair		100 500 1000	31 152 305	4.9 20.5 44.1	2.2 9.3 20.0					0.256	6.50			CDR/CDR CDR/SCR	16 28	51 90
<b>9809</b>	9-Pair		100 500 1000	31 152 305	5.7 24.9 53.1	2.6 11.3 24.1					0.290	7.37			CDR/CDR CDR/SCR	16 28	51 90
<b>9812</b>	12-Pair		100 500 1000	31 152 305	6.6 31.1 62.2	3.0 14.1 28.2					0.319	8.10			CDR/CDR CDR/SCR	16 28	51 90
<b>9813</b>	13-Pair		100 500 1000	31 152 305	7.1 34.2 66.1	3.2 15.5 30.0					0.336	8.53			CDR/CDR CDR/SCR	16 28	51 90
<b>9819</b>	18-Pair		100 500 1000	31 152 305	8.4 41.0 82.2	3.8 18.6 37.3					0.365	9.27			CDR/CDR CDR/SCR	16 28	51 90
<b>9825</b>	25-Pair		100 500 1000	31 152 305	9.9 54.7 108.2	4.5 24.8 49.1					0.429	10.90			CDR/CDR CDR/SCR	16 28	51 90
<b>9814</b>	31-Pair		100 500 1000	31 152 305	11.9 64.2 127.2	5.4 29.1 57.7					0.462	11.73			CDR/CDR CDR/SCR	16 28	51 90

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

**Overall Foil/Braid Shield**

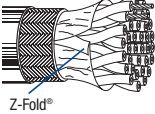

Low-Capacitance Computer Cables  
for EIA RS-232 and EIA RS-485 Applications

De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ( )	Nom. Vel. of Prop.	Nominal Capacitance		Color Code		
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m			
<b>28 AWG • Stranded (7x36) 0.4 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield + 65% TC Braid • 28 AWG TC Drain Wire</b>																			
<b>Datalene® Insulation • Chrome PVC Jacket</b>																			
30V 80°C UL AWM Style 2919	NEC: CL2						0.38 mm 28 AWG (7x36) TC	0.044	1.12	Overall Beldfoil® + Overall 65% TC Braid + Drain Wire (28 AWG TC)			120	78%			see chart 5 (Tech Info Section)		
	Shorting Fold																		
<b>8132</b>	2-Pair		100	31	3.5	1.6						0.220	5.59			CDR/CDR CDR/SCR	11 20	36 66	
			500	152	14.6	6.6													
			1000	305	29.1	13.2													
<b>8133</b>	3-Pair		100	31	3.7	1.7						0.270	6.86			CDR/CDR CDR/SCR	11 20	36 66	
			500	152	15.0	6.8													
			1000	305	34.2	15.5													
<b>8134</b>	4-Pair		100	31	4.4	2.0						0.290	7.37			CDR/CDR CDR/SCR	11 20	36 66	
			500	152	18.1	8.2													
			1000	305	39.0	17.7													
<b>8135</b>	5-Pair		100	31	4.6	2.1						0.300	7.62			CDR/CDR CDR/SCR	11 20	36 66	
			500	152	21.1	9.5													
			1000	305	42.1	19.1													
<b>8138</b>	8-Pair		100	31	5.5	2.5						0.330	8.38			CDR/CDR CDR/SCR	11 20	36 66	
			500	152	27.1	12.3													
			1000	305	52.0	23.6													
<b>8142</b>	12.5-Pair (12 pairs + 1 single)		100	31	6.8	3.1						0.375	9.53			CDR/CDR CDR/SCR	11 20	36 66	
			500	152	33.1	15.0													
			1000	305	65.9	29.9													
<b>8148</b>	18-Pair		100	31	8.6	3.9						0.465	11.81			CDR/CDR CDR/SCR	11 20	36 66	
			500	152	47.6	21.6													
			1000	305	92.2	41.8													
<b>8155</b>	25-Pair		100	31	11.0	5.0						0.565	14.35			CDR/CDR CDR/SCR	11 20	36 66	
			500	152	64.2	29.1													
			1000	305	121.3	55.0													

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

### Overall Foil/Braid Shield

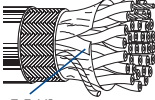
Low-Capacitance Computer Cables  
for EIA RS-232 Applications

Description	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ( )	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	
<b>24 AWG • Stranded (7x32) 0.6 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield + 65% Tinned Copper Braid</b> <b>Semi-Rigid PVC Insulation • Chrome PVC Jacket</b>																	
300V 80°C UL AWM Style 2464 CSA AWM I A		NEC: CMG CEC: CMG FT4					0.61 mm 24 AWG (7x32) TC	0.044	1.12	Overall Beldfoil® + Overall 65% TC Braid			75	60%			see chart 5 (Tech Info Section)
	<b>8332</b>	2-Pair	100	31	4.2	1.9					0.250	6.35			CDR/CDR	30	98
			500	152	16.5	7.5										CDR/SCR	50
			1000	305	37.0	16.8											
	<b>8333</b>	3-Pair	100	31	4.9	2.2					0.265	6.73			CDR/CDR	30	98
			500	152	20.5	9.3									CDR/SCR	50	164
			1000	305	44.3	20.1											
	<b>8334</b>	4-Pair	100	31	5.3	2.4					0.288	7.32			CDR/CDR	30	98
			500	152	22.5	10.2									CDR/SCR	50	164
			1000	305	49.2	22.3											
	<b>8335</b>	5-Pair	100	31	6.0	2.7					0.295	7.49			CDR/CDR	30	98
			500	152	29.5	13.4									CDR/SCR	50	164
			1000	305	57.1	25.9											
	<b>8336</b>	6-Pair	100	31	6.6	3.0					0.310	7.87			CDR/CDR	30	98
			500	152	31.5	14.3									CDR/SCR	50	164
			1000	305	62.2	28.2											
	<b>8337</b>	7-Pair	100	31	6.8	3.1					0.321	8.15			CDR/CDR	30	98
			500	152	32.8	14.9									CDR/SCR	50	164
			1000	305	65.0	29.5											
	<b>8340</b>	10-Pair	100	31	9.0	4.1					0.385	9.78			CDR/CDR	30	98
			500	152	43.4	19.7									CDR/SCR	50	164
			1000	305	90.2	40.9											
	<b>8342</b>	12.5-Pair (12 pairs + 1 single)	100	31	11.0	5.0					0.405	10.29			CDR/CDR	30	98
			500	152	55.1	25.0									CDR/SCR	50	164
			1000	305	109.1	49.5											
	<b>8345</b>	15-Pair	500	152	61.7	28.0					0.445	11.30			CDR/CDR	30	98
			1000	305	123.2	55.9									CDR/SCR	50	164
300V 80°C UL AWM Style 2464	<b>8348</b>	18-Pair	100	31	14.1	6.4					0.480	12.19			CDR/CDR	30	98
			500	152	78.9	35.8									CDR/SCR	50	164
			1000	305	152.8	69.3											
	<b>8355</b>	25-Pair	500	152	96.8	43.9					0.550	13.97			CDR/CDR	30	98
			1000	305	195.3	88.6									CDR/SCR	50	164

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

**Overall Foil/Braid Shield**

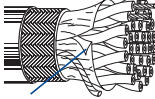
Low-Capacitance Computer Cables  
for EIA RS-232 and EIA RS-422 Applications

De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ( )	Nom. Vel. of Prop.	Nominal Capacitance		Color Code	
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m		
<b>24 AWG • Stranded (7x32) 0.6 mm TC • Twisted Pair • Overall Beldfoil® Shield + 65% Tinned Copper Braid • 24 AWG TC Drain Wire</b>																		
<b>Polyethylene Insulation • Chrome PVC Jacket</b>																		
30V 80°C UL AWM Style 2919		NEC: CM CEC: CM					0.61 mm 24 AWG (7x32) TC	0.054	1.37	Overall Beldfoil® + Overall 65% TC Braid + Drain Wire (24 AWG TC)			100	66%			see chart 5 (Tech Info Section)	
																		
Z-Fold®																		
<b>9829</b>	2-Pair		100	31	4.6	2.1						0.291	7.39			CDR/CDR CDR/SCR	16 28	51 90
			500	152	22.0	10.0												
			1000	305	43.0	19.5												
<b>9830</b>	3-Pair		500	152	26.5	12.0						0.305	7.74			CDR/CDR CDR/SCR	16 28	51 90
			1000	305	53.1	24.1												
<b>9831</b>	4-Pair		100	31	6.2	2.8						0.330	8.38			CDR/CDR CDR/SCR	16 28	51 90
			500	152	30.0	13.6												
			1000	305	58.2	26.4												
<b>9832</b>	5-Pair		100	31	6.6	3.0						0.338	8.59			CDR/CDR CDR/SCR	16 28	51 90
			500	152	32.6	14.8												
			1000	305	65.0	29.5												

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

### Overall Foil/Braid Shield

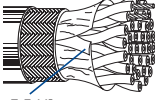
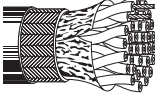
Low-Capacitance Computer Cables  
for EIA RS-232 and EIA RS-422 Applications

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ( )	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	
<b>24 AWG • Stranded (7x32) 0.6 mm TC • Twisted Pair • Overall Beldfoil® Shield + 65% Tinned Copper Braid • 24 AWG TC Drain Wire</b> <b>Datalene® Insulation • Chrome PVC Jacket</b>																	
30V 80°C UL AWM Style 2919		NEC: CM CEC: CM					0.61 mm 24 AWG (7x32) TC	0.049	1.24	Overall Beldfoil® + Overall 65% TC Braid + Drain Wire (24 AWG TC)			100	78%			see chart 5 (Tech Info Section)
																	
	<b>8102</b>	2-Pair	100 500 1000 10000	31 152 305 3048	4.2 17.0 38.1 380.7	1.9 7.7 17.3 172.7					0.270	6.86			CDR/CDR CDR/SCR	13 22	41 72
	<b>8103</b>	3-Pair	100 500 1000 10000	31 152 305 3048	4.6 19.6 42.1 431.0	2.1 8.9 19.1 195.5					0.283	7.19			CDR/CDR CDR/SCR	13 22	41 72
	<b>8104</b>	4-Pair	100 500 1000 10000	31 152 305 3048	5.1 20.9 46.1 491.0	2.3 9.5 20.9 222.7					0.302	7.67			CDR/CDR CDR/SCR	13 22	41 72
	<b>8105</b>	5-Pair	100 500 1000	31 152 305	5.7 28.0 53.1	2.6 12.7 24.1					0.316	8.03			CDR/CDR CDR/SCR	13 22	41 72
	<b>8106</b>	6-Pair	100 500 1000	31 152 305	6.4 30.6 58.2	2.9 13.9 26.4					0.341	8.66			CDR/CDR CDR/SCR	13 22	41 72
	<b>8107</b>	7-Pair	100 500 1000	31 152 305	6.8 33.1 63.1	3.1 15.0 28.6					0.341	8.66			CDR/CDR CDR/SCR	13 22	41 72
	<b>8108</b>	8-Pair	100 500 1000	31 152 305	7.7 37.7 72.3	3.5 17.1 32.8					0.370	9.40			CDR/CDR CDR/SCR	13 22	41 72
	<b>8110</b>	10-Pair	100 500 1000	31 152 305	8.2 45.6 90.2	3.7 20.7 40.9					0.427	10.85			CDR/CDR CDR/SCR	13 22	41 72
	<b>8112</b>	12.5-Pair (12 pairs + 1 single)	100 500 1000	31 152 305	9.3 51.4 101.2	4.2 23.3 45.9					0.440	11.18			CDR/CDR CDR/SCR	13 22	41 72
	<b>8115</b>	15-Pair	500 1000	152 305	63.7 116.2	28.9 52.7					0.495	12.57			CDR/CDR CDR/SCR	13 22	41 72
	<b>8118</b>	18-Pair	100 500 1000	31 152 305	13.2 70.5 144.4	6.0 32.0 65.5					0.537	13.64			CDR/CDR CDR/SCR	13 22	41 72
	<b>8125</b>	25-Pair	100 500 1000	31 152 305	20.7 98.1 191.4	9.4 44.5 86.8					0.632	16.05			CDR/CDR CDR/SCR	13 22	41 72

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

**Overall Foil/Braid Shield**

Low-Capacitance Computer Cables  
for EIA RS-232 Applications

Description	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ( )	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	
<b>22 AWG • Stranded (7x30) 0.8 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield + 65% Tinned Copper Braid</b>																	
<b>Semi-Rigid PVC Insulation • Chrome PVC Jacket</b>																	
300V 80°C UL AWM Style 2464		NEC: CMG CEC: CMG FT4					0.76 mm 22 AWG (7x30) TC	0.051	1.30	Overall Beldfoil® + Overall 65% TC Braid			70	60%			see chart 3 (Tech Info Section)
																	
	<b>8302</b>	2-Pair	100 500 1000	31 152 305	4.4 19.0 41.0	2.0 8.6 18.6						0.260 6.60			CDR/CDR CDR/SCR	40 72	131 236
	<b>8303</b>	3-Pair	100 500 1000	31 152 305	5.3 25.6 48.1	2.4 11.6 21.8						0.270 6.86			CDR/CDR CDR/SCR	35 63	115 207
	<b>8304</b>	4-Pair	100 500 1000	31 152 305	6.6 32.4 65.0	3.0 14.7 29.5						0.320 8.13			CDR/CDR CDR/SCR	35 63	115 207
	<b>8305</b>	5-Pair	100 500 1000	31 152 305	7.3 35.1 67.0	3.3 15.9 30.4						0.322 8.18			CDR/CDR CDR/SCR	35 63	115 207
	<b>8306</b>	6-Pair	100 500 1000	31 152 305	7.9 39.7 78.9	3.6 18.0 35.8						0.348 8.84			CDR/CDR CDR/SCR	35 63	115 207
	<b>8307</b>	7-Pair	100 500 1000	31 152 305	8.6 41.9 85.1	3.9 19.0 38.6						0.348 8.84			CDR/CDR CDR/SCR	35 63	115 207
	<b>8308</b>	8-Pair	100 500 1000	31 152 305	10.4 50.0 101.4	4.7 22.7 46.0						0.384 9.75			CDR/CDR CDR/SCR	35 63	115 207
300V 80°C UL AWM Style 2464	<b>8310</b>	10-Pair	100 500 1000	31 152 305	11.0 60.4 121.0	5.0 27.4 54.9						0.440 11.18			CDR/CDR CDR/SCR	35 63	115 207
																	
	<b>8312</b>	12.5-Pair (12 pairs + 1 single)	100 500 1000	31 152 305	13.0 72.3 140.7	5.9 32.8 63.8						0.455 11.56			CDR/CDR CDR/SCR	35 63	115 207
	<b>8315</b>	15-Pair	100 500 1000	31 152 305	15.7 86.0 167.8	7.1 39.0 76.1						0.502 12.75			CDR/CDR CDR/SCR	35 63	115 207
	<b>8318</b>	18-Pair	100 500 1000	31 152 305	17.6 97.4 196.4	8.0 44.2 89.1						0.535 13.59			CDR/CDR CDR/SCR	35 63	115 207
	<b>8325</b>	25-Pair	100 500 1000	31 152 305	23.1 126.5 247.1	10.5 57.4 112.1						0.620 15.75			CDR/CDR CDR/SCR	35 63	115 207

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors