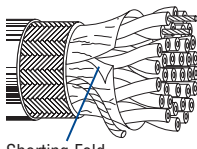


Overall Foil/Braid Shield

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 52.7	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.