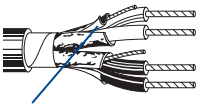
Individually Shielded

Low-Capacitance 100 Ohm Computer Cables for EIA RS-422, and Digital Audio 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 • Individually Shielded w/Beldfoil® (100% Coverage) • 24 AWG Stranded TC Drain Wire																		
Datalene® Insulation • Chrome PVC Jacket																		
UL AWM Style 2493 (300V 60°C)  Z-Fold®	**9729**	NEC: CM CEC: CM	2	See Chart 3 (Tech Info Section)	100 500 1000 10000†	30.5 152.4 304.8 3048.0	4.3 20.5 39.0 390.0	2.0 9.3 17.7 177.8	24.0Ω/M′ 78.7Ω/km	15.0Ω/M′ 49.2Ω/km	.266	6.76	100	76%	12.5	41.0	23.2	76.1
															For Plenum version of 9729, see 89729 or 82729.			
	9730	NEC: CM CEC: CM	3	See Chart 3 (Tech Info Section)	100 500 1000 10000†	30.5 152.4 304.8 3048.0	5.1 24.5 46.0 520.0	2.3 11.1 20.9 236.4	24.0Ω/M′ 78.7Ω/km	15.0Ω/M′ 49.2Ω/km	.334	8.48	100	76%	12.5	41.0	23.2	76.1
															For Plenum version of 9730, see 89730.			
	9728	NEC: CM CEC: CM	4	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	6.0 29.0 51.0	2.7 13.2 23.1	24.0Ω/M′ 78.7Ω/km	15.0Ω/M′ 49.2Ω/km	.363	9.22	100	76%	12.5	41.0	23.2	76.1
															For Plenum version of 9728, see 89728.			
	9731	NEC: CM CEC: CM	6	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	7.4 42.0 83.0	3.4 19.1 37.7	24.0Ω/M′ 78.7Ω/km	15.0Ω/M′ 49.2Ω/km	.421	10.69	100	76%	12.5	41.0	23.2	76.1
															For Plenum version of 9731, see 89731.			
	9732	NEC: CM CEC: CM	9	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	9.9 57.0 106.0	4.5 26.0 48.1	24.0Ω/M′ 78.7Ω/km	15.0Ω/M′ 49.2Ω/km	.488	12.40	100	76%	12.5	41.0	23.2	76.1
															For Plenum version of 9732, see 89732.			
	9733	NEC: CM CEC: CM	11	See Chart 3 (Tech Info Section)	500	152.4	75.0	34.1	24.0Ω/M′ 78.7Ω/km	15.0Ω/M′ 49.2Ω/km	.575	14.61	100	76%	12.5	41.0	23.2	76.1
	9734	NEC: CM CEC: CM	12	See Chart 3 (Tech Info Section)	500 1000	152.4 304.8	79.5 154.0	36.1 70.0	24.0Ω/M′ 78.7Ω/km	15.0Ω/M′ 49.2Ω/km	.575	14.61	100	76%	12.5	41.0	23.2	76.1
	9735	NEC: CM CEC: CM	15	See Chart 3 (Tech Info Section)	500 1000	152.4 304.8	95.0 185.0	43.2 84.1	24.0Ω/M′ 78.7Ω/km	15.0Ω/M′ 49.2Ω/km	.639	16.23	100	76%	12.5	41.0	23.2	76.1
	9736	NEC: CM CEC: CM	17	See Chart 3 (Tech Info Section)	500 1000	152.4 304.8	103.5 210.0	47.0 95.5	24.0Ω/M′ 78.7Ω/km	15.0Ω/M′ 49.2Ω/km	.671	17.04	100	76%	12.5	41.0	23.2	76.1
	9737	NEC: CM CEC: CM	19	See Chart 3 (Tech Info Section)	1000	304.8	231.0	105.0	24.0Ω/M′ 78.7Ω/km	15.0Ω/M′ 49.2Ω/km	.671	17.04	100	76%	12.5	41.0	23.2	76.1
	9738	NEC: CM CEC: CM	27	See Chart 3 (Tech Info Section)	1000	304.8	334.0	151.8	24.0Ω/M′ 78.7Ω/km	15.0Ω/M′ 49.2Ω/km	.797	20.24	100	76%	12.5	41.0	23.2	76.1

DCR = DC Resistance • TC = Tinned Copper

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

See Attenuation, Rise Time and Bit Rate Data for this series on page 5.34.

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.