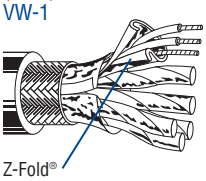
Individually Shielded Pairs with Overall Foil/Braid Shield

Low-Capacitance Computer Cables for EIA RS-232, 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 Beldfoil® Shielded + Overall Beldfoil (100% Coverage) + TC Braid Shield (65%) • Drain Wire▲																		
Datalene® Insulation • Chrome PVC Jacket																		
UL AWM Style 2493 (60°C) VW-1  Z-Fold®	**8162**	NEC: CM CEC: CM	2	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	6.2 30.0 57.0	2.8 13.6 25.9	24.0Ω/M′ 78.7Ω/km	Individual: 18.0Ω/M′ 59.1Ω/km Overall: 4.3Ω/M′ 14.1Ω/km	.343	8.71	100	78%	12.5	41	22	72.2
	8163	NEC: CM CEC: CM	3	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	24.0Ω/M′ 78.7Ω/km	Individual: 18.0Ω/M′ 59.1Ω/km Overall: 4.4Ω/M′ 14.4Ω/km	.359	9.12	100	78%	12.5	41	22	72.2
	8164	NEC: CM CEC: CM	4	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	8.2 39.5 79.0	3.7 18.0 35.9	24.0Ω/M′ 78.7Ω/km	Individual: 18.0Ω/M′ 59.1Ω/km Overall: 3.2Ω/M′ 10.5Ω/km	.388	9.86	100	78%	12.5	41	22	72.2
	8165	NEC: CM CEC: CM	5	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	9.0 45.0 89.0	4.1 20.5 40.5	24.0Ω/M′ 78.7Ω/km	Individual: 18.0Ω/M′ 59.1Ω/km Overall: 3.4Ω/M′ 11.2Ω/km	.413	10.49	100	78%	12.5	41	22	72.2
	8166	NEC: CM CEC: CM	6	See Chart 3 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	9.0 50.0 99.0	4.1 22.7 45.0	24.0Ω/M′ 78.7Ω/km	Individual: 18.0Ω/M′ 59.1Ω/km Overall: 2.8Ω/M′ 9.2Ω/km	.446	11.33	100	78%	12.5	41	22	72.2
	8167	NEC: CM CEC: CM	7	See Chart 3 (Tech Info Section)	500 1000	152.4 304.8	52.5 103.0	23.9 46.7	24.0Ω/M′ 78.7Ω/km	Individual: 18.0Ω/M′ 59.1Ω/km Overall: 2.8Ω/M′ 9.2Ω/km	.446	11.33	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.