

Paired Overall Foil/Braid Shield

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

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

Description UL AWM Style	Trade No. UL NEC C(UL) CEC Type	No. of Pairs	Standard Lengths		Std. Unit Lbs. ea.	Nominal D.C.R.		Nominal O.D.		Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance			
			ft.	m		Cond.	Shield	Inch	mm			pF/ ft.	pF/ m	pF/ ft.	pF/ m

28 Gage
Stranded Conductors (7x36)
Datalene® Insulated

Product Description
Tinned copper, Datalene insulated, twisted pairs. Overall Beldfoil® aluminum-polyester shield. 28 AWG stranded tinned copper drain wire. Overall tinned copper braid shield (65% coverage). Chrome PVC jacket. Color code chart No. 5, Technical Information Section.

 Z-Fold® Beldfoil 100% Shield Coverage 2919 30V 80°C	8132 NEC CL2	2	100 500 1000	30.5 152.4 304.8	3.4 15.5 28.5	65Ω/M' 213Ω/km	5.07Ω/M' 16.6Ω/km	.220	5.59	120	78%	11.0	36.1	20.0	65.6
	8133 NEC CL2	3	100 500 1000	30.5 152.4 304.8	3.8 17.5 37.3	65Ω/M' 213Ω/km	5.20Ω/M' 17.1Ω/km	.270	6.86	120	78%	11.0	36.1	20.0	65.6
	8134 NEC CL2	4	500 1000	152.4 304.8	20.4 43.8	65Ω/M' 213Ω/km	4.37Ω/M' 14.3Ω/km	.290	7.37	120	78%	11.0	36.1	20.0	65.6
	8135 NEC CL2	5	100 500 1000	30.5 152.4 304.8	4.5 20.9 44.5	65Ω/M' 213Ω/km	4.21Ω/M' 13.8Ω/km	.300	7.62	120	78%	11.0	36.1	20.0	65.6
	8138 NEC CL2	8	100 500 1000	30.5 152.4 304.8	5.7 27.1 56.3	65Ω/M' 213Ω/km	3.74Ω/M' 12.3Ω/km	.330	8.38	120	78%	11.0	36.1	20.0	65.6
	8142 NEC CL2	12½ 12 pairs + 1 single	100 500 1000	30.5 152.4 304.8	7.3 33.5 68.8	65Ω/M' 213Ω/km	3.07Ω/M' 10.1Ω/km	.407	10.34	120	78%	11.0	36.1	20.0	65.6
	8148 NEC CL2	18	100 500 1000	30.5 152.4 304.8	10.4 51.3 97.0	65Ω/M' 213Ω/km	2.56Ω/M' 8.4Ω/km	.465	11.81	120	78%	11.0	36.1	20.0	65.6
	8155 NEC CL2	25	100 500 1000	30.5 152.4 304.8	12.6 64.3 121.5	65Ω/M' 213Ω/km	2.32Ω/M' 7.6Ω/km	.565	14.35	120	78%	11.0	36.1	20.0	65.6

Low Capacitance for EIA RS-485 Applications

24 Gage
Stranded Conductors (7x32)
Polyethylene Insulated

Product Description
Tinned copper, polyethylene insulated, twisted pairs. Overall Beldfoil aluminum-polyester shield. 24 AWG stranded tinned copper drain wire. Overall tinned copper braid shield (90% coverage). Chrome PVC jacket. Color code chart No. 5, Technical Information Section.

 Z-Fold Beldfoil 100% Shield Coverage 2919 30V 80°C	9841 NEC CM CEC CM	1	100 500 1000	30.5 152.4 304.8	3.9 19.3 36.8	24.0Ω/M' 78.7Ω/km	3.35Ω/M' 11.0Ω/km	.232	5.89	120	66%	12.8	42.0	23.0	75.5
	9842 NEC CM CEC CM	2	100 500 1000	30.5 152.4 304.8	5.5 28.8 53.9	24.0Ω/M' 78.7Ω/km	2.20Ω/M' 7.2Ω/km	.340	8.64	120	66%	12.8	42.0	23.0	75.5
	9843 NEC CM CEC CM	3	100 500 1000	30.5 152.4 304.8	7.0 37.4 72.6	24.0Ω/M' 78.7Ω/km	2.34Ω/M' 7.7Ω/km	.360	9.14	120	66%	12.8	42.0	23.0	75.5
	9844 NEC CM CEC CM	4	500 1000	152.4 304.8	40.8 81.7	24.0Ω/M' 78.7Ω/km	2.09Ω/M' 6.9Ω/km	.390	9.91	120	66%	12.8	42.0	23.0	75.5