

## Overall Foil/Braid Shield

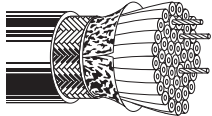
Computer Cables for EIA RS-232 Applications and IEEE 488 Interface,  
Low-Capacitance Computer Cables for EIA RS-232 and EIA RS-423 Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Nominal OD		Nominal DCR		Nom. Vel. of Prop.	Nominal Capacitance			
					Ft.	m	Lbs.	kg	Inch	mm	Cond.	Shield		* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m

**28 AWG** Stranded (7x36) Tinned Copper Conductors • Overall Beldfoil® (100% Coverage) + Tinned Copper Braid Shield (65% Coverage)

### Semi-rigid PVC Insulation • Chrome PVC Jacket

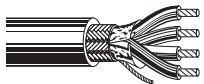
UL AWM Style 2464 (300V 80°C)	<b>9637</b>	NEC: CL2	25	See Chart 2R	100	30.5	6.2	2.8	.305	7.75	64.9Ω/M'	4.5Ω/M'	66%	30	98	50	164
CSA AWM I B FT4				(Tech Info Section)	500	152.4	30.0	13.6			212.9Ω/km	14.8Ω/km					
					1000	304.8	59.0	26.8									



**Low Cap 28 AWG** Stranded (7x36) TC Conductors • Overall Beldfoil (100% Coverage) + TC Braid Shield (65% Coverage) • Drain Wire†

### Datalene® Insulation • Chrome PVC Jacket

UL AWM Style 2919 (30V 80°C)	<b>9791</b>	NEC: CL2	6	See Chart 1	500	152.4	13.0	6.0	.225	5.72	64.9Ω/M'	6.15Ω/M'	78%	12	39.4	22	72.2
VW-1				(Tech Info Section)	1000	304.8	29.0	13.2			212.9Ω/km	20.2Ω/km					



†28 AWG Stranded TC Drain Wire

**IEEE 488 • 26 AWG & 24 AWG** Stranded (7x34 & 7x32) TC Cond. • Overall Beldfoil (100% Coverage) + TC Braid Shield (90% Coverage) • Drain Wire

### Semi-rigid PVC Insulation • Gray PVC Jacket

UL AWM Style 2464 (300V 80°C)	<b>9641</b>	NEC: CMG	23: (6)	See Chart 1	1000	304.8	82.0	37.4	.350	8.89	26 AWG: 2.6Ω/M'	2.6Ω/M'	66%	—	—	—	—
CSA AWM I A		CEC: CMG FT4	26 AWG Pairs	(Tech Info Section)							37.3Ω/M'	8.5Ω/km					
			(10)								122.4Ω/km						
			26 AWG Cond.								24 AWG: 23.3Ω/M'	76.4Ω/km					
			(1)														
			24 AWG Cond.														

TC = Tinned Copper

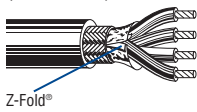
\*Capacitance between conductors.

\*\*Capacitance between one conductor and other conductors connected to ground.

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

# Overall Foil/Braid Shield

## Computer Cables for EIA RS-232 Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Nominal OD		Nominal DCR		Nominal Capacitance				
					Ft.	m	Lbs.	kg	Inch	mm	Cond.	Shield	* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m	
<b>24 AWG Stranded (7x32) TC Conductors • Overall Beldfoil® (100% Coverage) + TC Braid Shield (65% Coverage)</b>																	
<b>Semi-rigid PVC Insulation • Chrome PVC Jacket</b>																	
 <p>UL AWM Style 2464 (300V 80°C)</p> <p>Z-Fold®</p>	<b>9608</b>	NEC: CMG CEC: CMG FT4	3	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	3.1 12.0 23.0	1.4 5.4 10.4	.190 4.83	25.0Ω/M' 82.0Ω/km	9.8Ω/M' 32.2Ω/km	35	115	65	213		
	<b>9609</b>	NEC: CMG CEC: CMG FT4	4	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	3.5 13.5 26.0	1.6 6.1 11.8	.200 5.08	25.0Ω/M' 82.0Ω/km	9.8Ω/M' 32.2Ω/km	35	115	65	213		
	<b>9610</b>	NEC: CMG CEC: CMG FT4	5	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.0 16.0 32.0	1.8 7.3 14.5	.215 5.46	25.0Ω/M' 82.0Ω/km	6.5Ω/M' 21.3Ω/km	35	115	65	213		
	<b>9611</b>	NEC: CMG CEC: CMG FT4	6	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.2 17.0 34.0	1.9 7.7 15.4	.225 5.72	25.0Ω/M' 82.0Ω/km	7.0Ω/M' 23.0Ω/km	30	98.4	55	180		
	<b>9612</b>	NEC: CMG CEC: CMG FT4	7	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.2 18.5 38.0	1.9 8.4 17.3	.225 5.72	25.0Ω/M' 82.0Ω/km	6.9Ω/M' 22.6Ω/km	30	98.4	55	180		
	<b>9613</b>	NEC: CMG CEC: CMG FT4	8	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.5 21.0 41.0	2.0 9.5 18.6	.240 6.10	25.0Ω/M' 82.0Ω/km	7.3Ω/M' 23.9Ω/km	30	98.4	55	180		
	<b>9614</b>	NEC: CMG CEC: CMG FT4	9	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.8 22.0 44.0	2.2 10.0 20.0	.253 6.43	25.0Ω/M' 82.0Ω/km	7.5Ω/M' 24.6Ω/km	30	98.4	55	180		
	<b>9615</b>	NEC: CMG CEC: CMG FT4	10	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	5.4 25.0 50.0	2.5 11.4 22.7	.270 6.86	25.0Ω/M' 82.0Ω/km	6.9Ω/M' 22.6Ω/km	30	98.4	55	180		
	<b>9616</b>	NEC: CMG CEC: CMG FT4	15	See Chart 2R (Tech Info Section)	100 500 1000	30.5 152.4 304.8	6.6 31.5 63.0	3.0 14.3 28.6	.300 7.62	25.0Ω/M' 82.0Ω/km	6.9Ω/M' 22.6Ω/km	30	98.4	55	180		
	<b>9617</b>	NEC: CMG CEC: CMG FT4	25	See Chart 2R (Tech Info Section)	100 500 1000	30.5 152.4 304.8	10.1 49.5 100.0	4.6 22.5 45.4	.370 9.40	25.0Ω/M' 82.0Ω/km	5.1Ω/M' 16.7Ω/km	30	98.4	55	180		
<b>9618</b>	NEC: CMG CEC: CMG FT4	37	See Chart 2R (Tech Info Section)	100 500 1000	30.5 152.4 304.8	13.7 66.5 135.0	6.2 30.2 61.3	.411 10.43	25.0Ω/M' 82.0Ω/km	4.4Ω/M' 14.4Ω/km	30	98.4	55	180			
<b>9619</b>	NEC: CMG CEC: CMG FT4	50	See Chart 2R (Tech Info Section)	100 500 1000	30.5 152.4 304.8	17.2 93.0 182.0	7.8 42.2 82.6	.485 12.32	25.0Ω/M' 82.0Ω/km	4.3Ω/M' 14.1Ω/km	30	98.4	55	180			

DCR = DC Resistance • TC = Tinned Copper

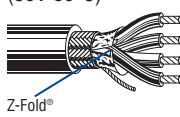
\* Capacitance between conductors.

\*\* Nominal capacitance conductor to conductor and shield.

4 • Multi-Conductor Cables

# Overall Foil/Braid Shield

Low-Capacitance Computer Cables for EIA RS-232 and EIA RS-423 Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Nominal OD		Nominal DCR		Nom. Vel. of Prop.	Nominal Capacitance			
					Ft.	m	Lbs.	kg	Inch	mm	Cond.	Shield		* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m
<b>24 AWG Stranded (7x32) TC Conductors • Overall Beldfoil® (100% Coverage) + TC Braid Shield (65% Coverage) • Drain Wire††</b>																	
<b>Datalene® Insulation • Chrome PVC Jacket</b>																	
UL AWM Style 2919 (30V 80°C) 	<b>9925</b>	NEC:	3	See Chart 1 (Tech Info Section)	100	30.5	3.5	1.6	.215	5.46	24.0Ω/M'	5.2Ω/M'	78%	12	39.4	22	72.2
		CM:			500	152.4	12.0	5.5		78.7Ω/km	17.0Ω/km						
		CEC:			1000	304.8	24.0	10.9									
		CM															
	<b>9927</b>	NEC:	4	See Chart 1 (Tech Info Section)	100	30.5	3.6	1.6	.230	5.84	24.0Ω/M'	5.3Ω/M'	78%	12	39.4	22	72.2
		CM:			500	152.4	14.5	6.6		78.7Ω/km	17.4Ω/km						
		CEC:			1000	304.8	32.0	14.5									
		CM															
	<b>9929</b>	NEC:	5	See Chart 1 (Tech Info Section)	100	30.5	4.0	1.8	.246	6.25	24.0Ω/M'	4.2Ω/M'	78%	12	39.4	22	72.2
		CM:			500	152.4	16.0	7.3		78.7Ω/km	13.9Ω/km						
		CEC:			1000	304.8	36.0	16.3									
		CM															
	<b>9931</b>	NEC:	6	See Chart 1 (Tech Info Section)	100	30.5	4.2	1.9	.265	6.73	24.0Ω/M'	4.4Ω/M'	78%	12	39.4	22	72.2
		CM:			500	152.4	17.5	8.0		78.7Ω/km	14.4Ω/km						
		CEC:			1000	304.8	39.0	17.7									
		CM			10000	3048.0	410.0	186.1									
	<b>9932</b>	NEC:	7	See Chart 1 (Tech Info Section)	100	30.5	4.5	2.0	.265	6.73	24.0Ω/M'	4.4Ω/M'	78%	12	39.4	22	72.2
		CM:			500	152.4	18.5	8.4		78.7Ω/km	14.4Ω/km						
		CEC:			1000	304.8	41.0	18.6									
		CM															
	<b>9933</b>	NEC:	8	See Chart 1 (Tech Info Section)	100	30.5	4.9	2.2	.280	7.11	24.0Ω/M'	4.4Ω/M'	78%	12	39.4	22	72.2
		CM:			500	152.4	21.0	9.6		78.7Ω/km	14.4Ω/km						
		CEC:			1000	304.8	46.0	20.9									
		CM			10000†	3048.0	480.0	217.9									
	<b>9934</b>	NEC:	9	See Chart 1 (Tech Info Section)	100	30.5	5.2	2.4	.300	7.62	24.0Ω/M'	3.9Ω/M'	78%	12	39.4	22	72.2
		CM:			500	152.4	22.0	10.0		78.7Ω/km	12.6Ω/km						
		CEC:			1000	304.8	48.0	21.8									
		CM															
	<b>9935</b>	NEC:	10	See Chart 1 (Tech Info Section)	100	30.5	5.7	2.6	.306	7.77	24.0Ω/M'	3.2Ω/M'	78%	12	39.4	22	72.2
		CM:			500	152.4	28.0	12.7		78.7Ω/km	10.4Ω/km						
		CEC:			1000	304.8	53.0	24.1									
		CM															
	<b>9936</b>	NEC:	15	See Chart 2R (Tech Info Section)	100	30.5	7.2	3.3	.350	8.89	24.0Ω/M'	3.6Ω/M'	78%	12	39.4	22	72.2
		CM:			500	152.4	35.0	15.9		78.7Ω/km	11.7Ω/km						
		CEC:			1000	304.8	68.0	30.9									
		CM															
	<b>9937</b>	NEC:	25	See Chart 2R (Tech Info Section)	100	30.5	9.9	4.5	.445	11.30	24.0Ω/M'	2.8Ω/M'	78%	12	39.4	22	72.2
		CM:			500	152.4	54.5	24.8		78.7Ω/km	9.1Ω/km						
		CEC:			1000	304.8	108.0	49.0									
		CM															
	<b>9938</b>	NEC:	37	See Chart 2R (Tech Info Section)	100	30.5	12.9	5.9	.500	12.7	24.0Ω/M'	2.4Ω/M'	78%	12	39.4	22	72.2
		CM:			500	152.4	71.5	32.5		78.7Ω/km	7.8Ω/km						
		CEC:			1000	304.8	139.0	63.1									
		CM															

†24 AWG Stranded TC Drain Wire

DCR = DC Resistance • TC = Tinned Copper

\*Capacitance between conductors.

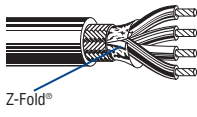
\*\*Nominal capacitance conductor to conductor and shield.

††Final put-up may vary -10% to +20%. May contain two pieces, minimum length of any one piece is 1500 ft.

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

# Overall Foil/Braid Shield

## Computer Cables for EIA RS-232 Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Nominal OD		Nominal DCR		Nominal Capacitance			
					Ft.	m	Lbs.	kg	Inch	mm	Cond.	Shield	* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m
<b>22 AWG Stranded (7x30) Tinned Copper Conductors • Overall Beldfoil® (100% Coverage) + Tinned Copper Braid Shield (65% Coverage)</b>																
<b>Semi-rigid PVC Insulation • Chrome PVC Jacket</b>																
 <p>Z-Fold®</p>	9939	NEC: CMG CEC: CMG FT4	3	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	3.6 14.0 27.0	1.6 6.4 12.3	.202	5.13	14.7Ω/M' 48.2Ω/km	6.2Ω/M' 20.3Ω/km	37	121	67	220
	9940	NEC: CMG CEC: CMG FT4	4	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.0 16.5 32.0	1.8 7.5 14.5	.215	5.46	14.7Ω/M' 48.2Ω/km	5.0Ω/M' 16.4Ω/km	37	121	67	220
	9941	NEC: CMG CEC: CMG FT4	5	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.2 19.0 38.0	1.8 8.6 17.3	.230	5.84	14.7Ω/M' 48.2Ω/km	7.1Ω/M' 23.3Ω/km	37	121	67	220
	9942	NEC: CMG CEC: CMG FT4	6	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	4.7 22.0 43.0	2.1 10.0 19.5	.245	6.22	14.7Ω/M' 48.2Ω/km	7.9Ω/M' 25.9Ω/km	35	115	63	207
	9943	NEC: CMG CEC: CMG FT4	7	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	5.0 23.5 46.0	2.3 10.8 20.9	.245	6.22	14.7Ω/M' 48.2Ω/km	7.0Ω/M' 23.0Ω/km	35	115	63	207
	9944	NEC: CMG CEC: CMG FT4	8	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	5.5 26.0 52.0	2.5 11.8 23.6	.260	6.60	14.7Ω/M' 48.2Ω/km	6.0Ω/M' 19.7Ω/km	35	115	63	207
	9945	NEC: CMG CEC: CMG FT4	9	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	6.1 28.5 57.0	2.8 12.9 25.9	.280	7.11	14.7Ω/M' 48.2Ω/km	5.1Ω/M' 16.7Ω/km	35	115	63	207
	9946	NEC: CMG CEC: CMG FT4	10	See Chart 1 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	6.6 31.5 62.0	3.0 14.3 28.1	.300	7.62	14.7Ω/M' 48.2Ω/km	4.6Ω/M' 15.1Ω/km	35	115	63	207
	9947	NEC: CMG CEC: CMG FT4	15	See Chart 2R (Tech Info Section)	100 500 1000	30.5 152.4 304.8	8.7 42.5 83.0	4.0 19.3 37.7	.340	8.64	14.7Ω/M' 48.2Ω/km	4.1Ω/M' 13.5Ω/km	35	115	63	207
	9948	NEC: CMG CEC: CMG FT4	25	See Chart 2R (Tech Info Section)	100 500 1000	30.5 152.4 304.8	13.3 66.5 132.0	6.0 30.2 59.9	.410	10.41	14.7Ω/M' 48.2Ω/km	3.1Ω/M' 10.2Ω/km	35	115	63	207
9949	NEC: CMG CEC: CMG FT4	37	See Chart 2R (Tech Info Section)	100 500 1000	30.5 152.4 304.8	16.1 87.5 180.0	7.3 39.7 81.7	.460	11.68	14.7Ω/M' 48.2Ω/km	2.7Ω/M' 8.9Ω/km	35	115	63	207	
9950	NEC: CMG CEC: CMG FT4	50	See Chart 2R (Tech Info Section)	100 500 1000	30.5 152.4 304.8	25.2 118.0 238.0	11.4 53.6 108.1	.555	14.10	14.7Ω/M' 48.2Ω/km	2.3Ω/M' 7.5Ω/km	35	115	63	207	

DCR = DC Resistance

\*Capacitance between conductors.

\*\*Nominal capacitance conductor to conductor and shield.

4 • Multi-Conductor Cables