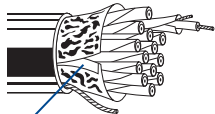


Overall Beldfoil® Shield

Computer Cable for Synchronous EIA Interface

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths		Standard Unit Weight		Nominal OD		Nominal DCR		Nom. Imped. (Ω)	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) TC Conductors • Individually and Overall Beldfoil Shielded (100% Coverage) • 28 AWG Stranded TC Drain Wires Datalene® Insulation • Gray PVC Jacket																			
UL AWM Style 2384 (30V 60°C)	9868	NEC: CM	14	1000	304.8	71.0	32.2	.394	10.01	64.9Ω/M' 212.9Ω/km	Individual: 44.0Ω/M' 144.4Ω/km Overall: 18.2Ω/M' 59.7Ω/km	65	78%	—	—	20.5	67.3		



Z-Fold®

Individually Beldfoil shielded conductors are isolated from adjacent shields and each has a 28 AWG stranded TC drain wire.

DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.

**Nominal capacitance conductor to conductor and shield.

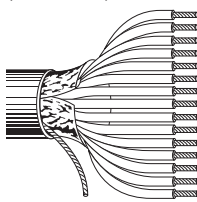
Datalene insulation features include a low dielectric constant and a low dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight.

Color Codes

Cond. No.	Color
1	Black w/ Blue Shield
2	Brown w/ Blue Shield
3	Red w/ Blue Shield
4	Orange w/ Blue Shield
5	Blue w/ Blue Shield
6	Yellow w/ Blue Shield
7	Natural w/ Blue Shield
8	Black w/ Red Shield
9	Brown w/ Red Shield
10	Red w/ Red Shield
11	Orange w/ Red Shield
12	Blue w/ Red Shield
13	Yellow w/ Red Shield
14	Natural w/ Red Shield

Overall Beldfoil® 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		Insulation Thickness		Jacket Thickness		Nominal OD		Nominal Capacitance			
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m
24 AWG Stranded (7x32) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • 24 AWG Stranded TC Drain Wire																		
Semi-rigid PVC Insulation • Chrome PVC Jacket																		
	UL AWM Style 2464 (300V 80°C)	9533	NEC: CMG CEC: CMG FT4	3	See Chart 1 (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	2.7 9.5 9.0 18.0 18.0	1.2 4.3 4.1 8.2 8.2	.010 .25 .032 .81 .162	.032 .81 .162	.162 4.11	33 108 65 213	33	108	65	213	
		9534	NEC: CMG CEC: CMG FT4	4	See Chart 1 (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	3.0 11.0 11.5 21.0 22.0	1.4 5.0 5.2 9.5 10.0	.010 .25 .032 .81 .184	.032 .81 .184	.184 4.67	33 108 65 213	33	108	65	213	
		9535	NEC: CMG CEC: CMG FT4	5	See Chart 1 (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	3.2 12.0 11.0 23.0 22.0	1.5 5.4 5.0 10.4 10.0	.010 .25 .032 .81 .189	.032 .81 .189	.189 4.80	33 108 65 213	33	108	65	213	
		9536	NEC: CMG CEC: CMG FT4	6	See Chart 1 (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	3.6 14.5 12.5 27.0 29.0	1.6 6.6 5.7 12.3 13.2	.010 .25 .032 .81 .209	.032 .81 .209	.209 5.31	33 108 65 213	33	108	65	213	
		9537	NEC: CMG CEC: CMG FT4	7	See Chart 1 (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	3.7 15.0 13.5 29.0 30.0	1.7 6.8 6.2 13.2 13.7	.010 .25 .032 .81 .209	.032 .81 .209	.209 5.31	33 108 65 213	33	108	65	213	
		9538	NEC: CMG CEC: CMG FT4	8	See Chart 1 (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	3.8 17.0 15.0 32.0 34.0	1.7 7.7 6.8 14.6 15.4	.010 .25 .032 .81 .224	.032 .81 .224	.224 5.69	33 108 65 213	33	108	65	213	
		9539	NEC: CMG CEC: CMG FT4	9	See Chart 1 (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	4.2 20.0 17.0 37.0 38.0	1.9 9.1 7.8 16.9 17.3	.010 .25 .032 .81 .244	.032 .81 .244	.244 6.20	30 98 55 180	30	98	55	180	
		9540	NEC: CMG CEC: CMG FT4	10	See Chart 1 (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	4.3 19.5 18.0 38.0 36.0	2.0 8.9 8.2 17.2 16.4	.010 .25 .032 .81 .244	.032 .81 .244	.244 6.20	30 98 55 180	30	98	55	180	
		9541	NEC: CMG CEC: CMG FT4	15	See Chart 2R (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	5.9 27.5 28.0 54.0 56.0	2.7 12.5 12.7 24.5 25.4	.010 .25 .032 .81 .284	.032 .81 .284	.284 7.21	30 98 55 180	30	98	55	180	
		9542	NEC: CMG CEC: CMG FT4	20	See Chart 2R (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	7.3 34.0 35.5 69.0 69.0	3.3 15.4 16.1 31.3 31.3	.010 .25 .032 .81 .314	.032 .81 .314	.314 7.98	30 98 55 180	30	98	55	180	
	9543	NEC: CMG CEC: CMG FT4	25	See Chart 2R (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	8.7 44.0 44.0 86.0 86.0	4.0 20.0 20.0 39.0 39.0	.010 .25 .032 .81 .339	.032 .81 .339	.339 8.61	30 98 55 180	30	98	55	180		
	9544	NEC: CMG CEC: CMG FT4	30	See Chart 2R (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	10.3 51.5 51.5 102.0 102.0	4.7 23.4 23.4 46.3 46.3	.010 .25 .040 1.02 .380	.040 1.02 .380	.380 9.65	30 98 55 180	30	98	55	180		
	9545	NEC: CMG CEC: CMG FT4	40	See Chart 2R (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	13.5 65.0 65.0 130.0 130.0	6.1 29.5 29.5 59.0 59.0	.010 .25 .040 1.02 .430	.040 1.02 .430	.430 10.92	30 98 55 180	30	98	55	180		
	9546	NEC: CMG CEC: CMG FT4	50	See Chart 2R (Tech Info Section)	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	16.4 81.5 81.5 168.0 168.0	7.4 37.0 37.0 76.3 76.3	.010 .25 .045 1.14 .490	.045 1.14 .490	.490 12.45	30 98 55 180	30	98	55	180		

TC = Tinned Copper

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

BELDENFor more information, contact **Belden Technical Support: 1-800-BELDEN-1 • www.belden.com****Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr**


Overall Beldfoil® Shield

Audio, Control and Instrumentation Cables
Non-Plenum


Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Nominal Capacitance			
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m

22 AWG Stranded (7x30) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • 22 AWG Stranded TC Drain Wire

Polypropylene Insulation • Brown PVC Jacket


 Z-Fold®	300V RMS	9770	NEC:	3	Black,	U-500	U-152.4	9.0	4.1	.008	.20	.020	.51	.145	3.68	32	105	60	197
			CM		Red,	500	152.4	9.0	4.1										
			CEC:		White	U-1000	U-304.8	18.0	8.2										
			CM			1000	304.8	17.0	7.7										

Polyethylene Insulation • Chrome PVC Jacket

 Shorting Fold	UL AWM Style 2093 (300V 60°C)	8771	NEC:	3	Black,	250	76.2	6.3	2.8	.016	.41	.033	.84	.199	5.05	23	75	41	134
			CM		Red,	U-500	U-152.4	12.0	5.5										
			CEC:		Clear	500	152.4	12.0	5.5										
			CM			U-1000	U-304.8	23.0	10.4										
					1000	304.8	24.0	10.9											
	10000†	3048.0	240.0	109.1															

22 AWG Stranded (19x34) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • 23 and 25 AWG Drain Wires††


Polyethylene Insulation • White PVC Jacket

 Z-Fold®	UL AWM Style 2094 (300V 75°C)	8729	NEC:	4	Black,	U-500	U-152.4	23.0	10.5	.016	.41	.051	1.30	.257	6.53	22	72	42	138
			CM, CL3		Red,	500	152.4	21.5	9.8										
			CEC:		Green,	U-1000	U-304.8	45.0	20.4										
			CM			Clear	1000	304.8	47.0	21.4									

†† 8729 has three 23 AWG solid and one 25 AWG stranded tinned copper-coated steel drain wires.

20 AWG Stranded (7x28) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • 20 AWG Stranded TC Drain Wire

Polyethylene Insulation • Chrome PVC Jacket

 Z-Fold®	UL AWM Style 2093 (300V 60°C)	8772	NEC:	3	Black,	U-500	U-152.4	16.0	7.3	.016	.41	.033	.84	.218	5.54	27	89	51	167
			CM		Red,	500	152.4	16.0	7.3										
			CEC:		Clear	U-1000	U-304.8	31.0	14.1										
			CM			1000	304.8	32.0	14.5										

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.

Overall Beldfoil® Shield

Audio, Control and Instrumentation Cables

Plenum-Rated and Non-Plenum

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Nominal Capacitance			
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m

18 AWG Stranded (16x30) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • 20 AWG Stranded TC Drain Wire**Polyethylene Insulation • Chrome PVC Jacket**

UL AWM Style 2093 (300V 60°C)	8770	NEC: CM	3	Black, Red,	U-500	U-152.4	20.0	9.1	.018	.46	.033	.84	.246	6.25	24	79	48	157
		CEC: CM		Clear	U-500	U-152.4	20.5	9.3										
					U-1000	U-304.8	38.0	17.2										
					1000	304.8	40.0	18.2										
					10000††	3048.0	430.0	195.5										



Shorting Fold

For Plenum version of 8770,
see 8770.**18 AWG** Stranded (19x30) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • 20 AWG Stranded TC Drain Wire**Semi-rigid PVC Insulation • Chrome PVC Jacket**

UL AWM Style 2464 (300V 80°C)	9418	NEC: CMG	4	Red, Green,	100	30.5	5.6	2.6	.010	.25	.035	.89	.245	6.22	70	230	120	394
		CEC: CMG FT4		Black, White	U-500	U-152.4	18.0	8.2										
					U-1000	U-304.8	35.0	16.0										
					1000	304.8	52.0	23.7										
					10000††	3048.0	510.0	231.3										



Z-Fold®

For Plenum versions of 9418,
see 89418 or 82418.**Plenum • FEP Insulation • Red FEP Jacket**

(-70°C to +200°C)	88770	NEC: CMP	3	Black, White,	500	152.4	16.0	7.3	.007	.18	.014	.36	.161	4.09	54	177	96	315
		CEC: CMP FT6		Red	1000	304.8	32.0	14.6										



Suitable for Outdoor and Direct Burial applications. Chemical Resistance: Gasoline and Oil.

(-70°C to +200°C)	89418	NEC: CMP	4	Black, White,	100	30.5	5.5	2.5	.007	.18	.014	.36	.177	4.50	30	98	57	187
		CEC: CMP FT6		Red, Green	500†	152.4	18.0	8.2										
					1000†	304.8	36.0	16.4										



Suitable for Outdoor and Direct Burial applications. Chemical Resistance: Gasoline and Oil.

Plenum • FEP Insulation • Natural Flammarrest® Jacket

(-70°C to +200°C)	82418	NEC: CMP	4	Black, White,	U-1000▲	U-304.8	36.0	16.4	.007	.18	.014	.36	.176	4.47	30	98	63	207
		CEC: CMP FT6		Red, Green	1000†	304.8	38.0	17.2										

**16 AWG** Stranded (19x29) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • 18 AWG Stranded TC Drain Wire**Polyethylene Insulation • Chrome PVC Jacket**

UL AWM Style 2107 (300V 60°C)	8618	NEC: CL3	3	Black, Red, Clear	U-500	U-152.4	31.0	14.1	.031	.79	.031	.79	.327	8.3	26	85	50	164
					500	152.4	32.5	14.8										
					1000	304.8	66.0	30.1										



Z-Fold®

TC = Tinned Copper

* Capacitance between conductors.

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

† Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.

†† Final put-up may vary -10% to +20%. May contain 2 pieces. Min. length 1500 ft.

▲ Final put-up may vary 0 to -10%.