

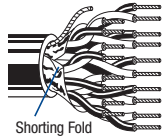
Overall Beldfoil® Shield

High-Temperature Control, Instrumentation Cables and Computer Cables
for EIA RS-232 Applications

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

24 AWG • Stranded (7x32) 0.6 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire (continued)

Semi-Rigid PVC Insulation • Chrome PVC Jacket																	
300V 80°C UL AWM Style 2464 CSA AWM 1 A	NEC: CMG CEC: CMG FT4						0.61 mm 24 AWG (7x32) TC	0.044	1.12	Overall Beldfoil® + Drain Wire (24 AWG TC)			75	60%			see chart 3 (Tech Info Section)



9525	25-Pair	100	31	16.1	7.3	0.504	12.80	CDR/CDR	30	98	
		500	152	79.6	36.1				CDR/SCR	50	164
		1000	305	155.0	70.3						
9550	50-Pair	100	31	32.0	14.5	0.709	18.00	CDR/CDR	30	98	
		† 500	152	153.9	69.8				CDR/SCR	50	164
		† 1000	305	311.7	141.4						

24 AWG • Stranded (7x32) 0.6 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire

Plenum • FEP Insulation • Natural Flamarrst® Jacket																	
300V RMS	NEC: CMP CEC: CMP FT6						0.61 mm 24 AWG (7x32) TC	0.036	0.91	Overall Beldfoil® + Drain Wire (24 AWG TC)							see chart 3 (Tech Info Section)



82641	1-Pair	†† U-1000	U-305	9.0	4.1	0.106	2.69	CDR/CDR	31	102	
		†† 1000	305	7.9	3.6				CDR/SCR	59	194
82502	2-Pair	†† U-500	U-152	7.9	3.6	0.162	4.11	CDR/CDR	25	82	
		†† U-1000	U-305	16.1	7.3				CDR/SCR	45	148
		†† 1000	305	14.1	6.4						
82503	3-Pair	†† U-1000	U-305	19.0	8.6	0.169	4.29	CDR/CDR	25	82	
		†† 1000	305	18.1	8.2				CDR/SCR	45	148
82504	4-Pair	†† U-1000	U-305	24.0	10.9	0.193	4.90	CDR/CDR	25	82	
		†† 1000	305	26.0	11.8				CDR/SCR	45	148
82505	5-Pair	†† U-1000	U-305	29.1	13.2	0.196	4.98	CDR/CDR	25	82	
		†† 1000	305	30.9	14.0				CDR/SCR	45	148
82506	6-Pair	†† U-500	U-152	17.6	8.0	0.209	5.31	CDR/CDR	25	82	
		†† U-1000	U-305	34.2	15.5				CDR/SCR	45	148
		†† 1000	305	35.1	15.9						
82509	9-Pair	†† 1000	305	49.2	22.3	0.246	6.25	CDR/CDR	23	75	
								CDR/SCR	42	138	

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

† Spools are one piece, but length may vary 0% to +20% from length shown.

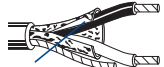
†† Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel® from length shown.

Overall Beldfoil® Shield

Audio, Control and Instrumentation Cables

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

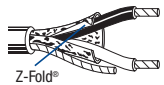
22 AWG • Solid 0.6 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 22 AWG Tinned Copper Drain Wire

Polyethylene Insulation • Chrome PVC Jacket																			
 Z-Fold®	300V 60°C	8761	NEC:	U-500	U-152	9.0	4.1	0.64 mm	0.057	1.46	Overall Beldfoil® + Drain Wire (22 AWG TC)	0.175	4.45	-	-	CDR/CDR	24	79	Black, Clear
	UL AWM Style 2092	CM		500	152	9.0	4.1	22 AWG								CDR/SCR	47	154	
		CEC:		U-1000	U-305	17.0	7.7	Solid TC											
		CM		1000	305	18.1	8.2												
				2000	610	35.9	16.3												
			5000	1524	90.2	40.9													
			† 10000	3048	170.4	77.3													

For Plenum versions of 8761, see 88761, 87761 or 82761.


1-Pair

20 AWG • Stranded (7x28) 1.0 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 22 AWG Tinned Copper Drain Wire

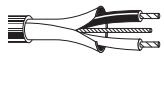
PVC Insulation • Beige PVC Jacket																			
 Z-Fold®	300V 80°C	9154	NEC:	U-500	U-152	11.5	5.2	0.96 mm	0.066	1.68	Overall Beldfoil® + Drain Wire (22 AWG TC)	0.198	5.03	-	-	CDR/CDR	60	197	Black, Red
	UL AWM Style 2464	CMG		500	152	12.1	5.5	20 AWG								CDR/SCR	100	328	
		CEC:		U-1000	U-305	22.0	10.0	(7x28) TC											
		CMG FT4		1000	305	23.1	10.5												

1-Pair

20 AWG • Stranded (7x28) 1.0 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 20 AWG Tinned Copper Drain Wire

Polyethylene Insulation • Chrome PVC Jacket																			
 Shorting Fold	300V 60°C	8762	NEC:	100	31	3.3	1.5	0.96 mm	0.070	1.78	Overall Beldfoil® + Drain Wire (20 AWG TC)	0.204	5.18	-	-	CDR/CDR	27	89	Black, Clear
	UL AWM Style 2092	CM		250	76	6.2	2.8	20 AWG								CDR/SCR	49	161	
		CEC:		U-500	U-152	12.1	5.5	(7x28) TC											
		CM		500	152	12.1	5.5												
				U-1000	U-305	23.1	10.5												
			1000	305	23.1	10.5													
			2000	610	46.1	20.9													
			10000	3048	240.5	109.1													

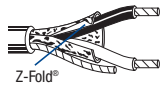
1-Pair

Polyethylene Insulation • Chrome PVC Jacket																			
	300V 60°C	9464	NEC:	U-500	U-152	17.0	7.7	0.96 mm	0.070	1.78	Overall Beldfoil® + Drain Wire (20 AWG TC)	0.214	5.44	-	-	CDR/CDR	27	89	Black, Clear
	UL AWM Style 2092	CM		U-1000	U-305	32.0	14.5	20 AWG								CDR/SCR	49	161	
		CEC:						(7x28) TC											
		CM																	

1-Pair

The jacket and shield are bonded so both can be removed with automatic stripping equipment.
Drain wire is on the inside of foil shield.

18 AWG • Stranded (19x30) 1.2 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 20 AWG Tinned Copper Drain Wire

Plenum • FEP Insulation • Natural Flamarrst® Jacket																			
 Z-Fold®	300V RMS	82760	NEC:	†† U-500	U-152	11.9	5.4	1.24 mm	0.063	1.60	Overall Beldfoil® + Drain Wire (20 AWG TC)	0.150	3.81	-	-	CDR/CDR	51	167	Black, Red
		CMP		†† U-1000	U-305	22.0	10.0	18 AWG								CDR/SCR	97	318	
		CEC:		†† 1000	305	20.9	9.5	(19x30) TC											
		CMP FT6																	

1-Pair

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

† Length may vary -10% to +20% and may contain 2 pieces. Minimum length of any piece is 460 m (1500 ft).

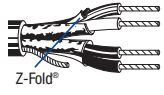
†† Spools and/or UnReel® cartons are one piece, but length may vary ± 10% for spools and ± 5% for UnReel® from length shown.

Individually Shielded

Audio, Control and Instrumentation Cables

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

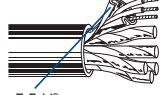
22 AWG • Stranded (7x30) 0.8 mm TC • Twisted Pair • Each Pair Individually Beldfoil® Shielded • 24 AWG Tinned Copper Drain Wire

Polypropylene Insulation • Chrome PVC Jacket																			
 Z-Fold®	300V RMS	8723	NEC:	100	31	2.2	1.0	0.76 mm	0.046	1.17	Individual Beldfoil® + Drain Wire (24 AWG TC)	0.160	4.06	45	66%	CDR/CDR	35	115	Red & Black, Green & White
	60°C		CM	U-500	U-152	10.6	4.8	22 AWG											
	CEC:		500	152	9.9	4.5	(7x30) TC												
	CM		U-1000	U-305	19.0	8.6													
			1,000	305	20.1	9.1													
			1640	500	32.8	14.9													
			U-2000	U-610	37.9	17.2													
			2000	610	40.1	18.2													
			3279	1000	65.7	29.8													
			5000	1524	95.2	43.2													
	10000	3049	200.4	90.9															

For halogen-free version see 8723NH.
Pairs cabled on common axis to reduce diameter

2-Pair

22 AWG • Stranded (7x30) 0.8 mm TC • Twisted Pair • Each Pair Individually Beldfoil® Shielded • 22 AWG Tinned Copper Drain Wire

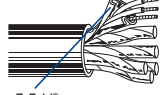
Polypropylene Insulation • Chrome PVC Jacket																			
 Z-Fold®	300V 80°C	UL AWM Style 2919	NEC:					0.76 mm	0.050	1.27	Individual Beldfoil® + Drain Wire (22 AWG TC)			50	66%	CDR/CDR	30	98	see chart 3 (Tech Info Section)
	CM					22 AWG													
	CEC:					(7x30) TC													
	CM																		

 Z-Fold®	8777	3-Pair	100	31	4.6	2.1	0.273	6.93	CDR/CDR	30	98
			250	76	9.9	4.5					
			U-500	U-152	20.9	9.5					
			500	152	20.1	9.1					
			U-1000	U-305	41.0	18.6					
			1000	305	44.1	20.0					
			1640	500	70.5	32.0					
			3279	1000	141.1	64.0					
			5000	1524	215.2	97.6					
			† 10000	3049	460.3	208.8					

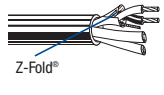
For halogen-free version see 8777NH.

 Z-Fold®	8778	6-Pair	100	31	8.4	3.8	0.362	9.19	CDR/CDR	30	98
			250	76	19.0	8.6					
			500	152	43.0	19.5					
			1000	305	83.1	37.7					

For halogen-free version see 8778NH.

 Z-Fold®	8774	9-Pair	100	31	11.5	5.2	0.417	10.59	CDR/CDR	30	98
			250	76	29.5	13.4					
			500	152	57.5	26.1					
			1000	305	113.1	51.3					

22 AWG • Stranded (7x30) 0.8 mm TC • Twisted Pair • Each Pair Individually Beldfoil® Shielded • 22 AWG Tinned Copper Drain Wire

Plenum • FEP Insulation • Natural Flamarest® Jacket																			
 Z-Fold®	300V RMS	82777	NEC:	†† U-500	U-152	19.6	8.9	0.76 mm	0.050	1.27	Individual Beldfoil® + Drain Wire (22 AWG TC)	0.237	6.02	46	62%	CDR/CDR	35	115	see chart 3 (Tech Info Section)
			CMP	U-1000	U-305	38.1	17.3	22 AWG											
			CEC:	†† 1000	305	39.0	17.7	(7x30) TC											
			CMP FT6																

3-Pair

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

† Final put-up length may vary -10% to +20% from length shown. May contain 2 pieces. Minimum length of any one piece is 457 m (1500 ft.).

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