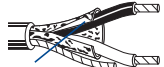


## Overall Beldfoil® Shield

### 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	

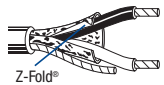
**22 AWG • Solid 0.6 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 22 AWG Tinned Copper Drain Wire**

Polyethylene Insulation • Chrome PVC Jacket																			
 Z-Fold®	300V 60°C	<b>8761</b>	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**

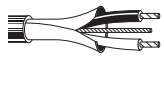
PVC Insulation • Beige PVC Jacket																			
 Z-Fold®	300V 80°C	<b>9154</b>	NEC:	U-500	U-152	11.5	5.2	0.96 mm	0.066	1.68	Overall Beldfoil® + Drain Wire (22 AWG TC)	0.198	5.03	-	-	CDR/CDR	60	197	Black, Red
	UL AWM Style 2464	CMG		500	152	12.1	5.5	20 AWG								CDR/SCR	100	328	
		CEC:		U-1000	U-305	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	<b>8762</b>	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													

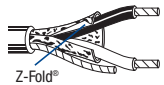
1-Pair

Polyethylene Insulation • Chrome PVC Jacket																			
	300V 60°C	<b>9464</b>	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	<b>82760</b>	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.

**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				
<b>16 AWG • Stranded (19x29) 1.5 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 18 AWG Tinned Copper Drain Wire</b>																				
<b>Polyethylene Insulation • Chrome PVC Jacket</b>																				
 Shorting Fold 1-Pair	600V 80°C <b>8719</b>	NEC:	U-500	U-152	24.5	11.1	1.47 mm	0.122	3.09	Overall Beldfoil® + Drain Wire (18 AWG TC)	0.313	7.95	-	-	CDR/CDR	23	75	Black, Clear		
	UL AWM Style 20253	CM CL2	500	152	25.6	11.6	16 AWG									CDR/SCR	44		144	
		CEC:	U-1000	U-305	47.0	21.3	(19x29) TC													
		CM	1000	305	50.0	22.7														
			2000	610	100.3	45.5														
		5000	1524	245.6	111.4															
		10000	3048	509.9	231.3															

**14 AWG • Stranded (19x27) 1.9 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 16 AWG Tinned Copper Drain Wire**

<b>Polyethylene Insulation • Chrome PVC Jacket</b>																				
 Z-Fold® 1-Pair	600V 80°C <b>8720</b>	NEC:	U-500	U-152	34.0	15.4	1.85 mm	0.137	3.47	Overall Beldfoil® + Drain Wire (16 AWG TC)	0.355	9.02	-	-	CDR/CDR	24	79	Black, Clear		
	UL AWM Style 20253	CM CL2	500	152	35.1	15.9	14 AWG									CDR/SCR	47		154	
			1000	305	71.2	32.3	(19x27) TC													
			2000	610	138.2	62.7														

**12 AWG • Stranded (19x25) 2.4 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 14 AWG Tinned Copper Drain Wire**

<b>Polyethylene Insulation • Chrome PVC Jacket</b>																				
 Z-Fold® 1-Pair	600V 80°C <b>8718</b>	NEC:	U-500	U-152	47.6	21.6	2.36 mm	0.167	4.24	Overall Beldfoil® + Drain Wire (14 AWG TC)	0.400	10.16	-	-	CDR/CDR	25	82	Black, Clear		
	UL AWM Style 20253	CL2	500	152	50.5	22.9	12 AWG									CDR/SCR	49		161	
			1000	305	100.3	45.5	(19x25) TC													
			2000	610	198.4	90.0														

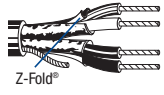
TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

## 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	

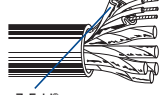
**22 AWG • Stranded (7x30) 0.8 mm TC • Twisted Pair • Each Pair Individually Beldfoil® Shielded • 24 AWG Tinned Copper Drain Wire**

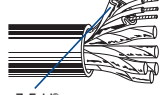
Polypropylene Insulation • Chrome PVC Jacket																			
 Z-Fold®	300V RMS	8723	NEC:	100	31	2.2	1.0	0.76 mm	0.046	1.17	Individual Beldfoil® + Drain Wire (24 AWG TC)	0.160	4.06	45	66%	CDR/CDR	35	115	Red & Black, Green & White
	60°C		CM	U-500	U-152	10.6	4.8	22 AWG											
	CEC:		500	152	9.9	4.5	(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

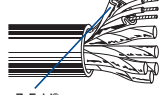
2-Pair

**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					

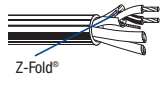
For halogen-free version see 8777NH.

 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.

### 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	

**20 AWG** • Stranded (7x28) 1.0 mm TC • Twisted Pair • Each Pair Individually **Beldfoil®** Shielded • 22 AWG Tinned Copper Drain Wire

Semi-Rigid PVC Insulation • Overall Chrome PVC Jacket																		
300V 80°C UL AWM Style 2464	<b>9402</b>	NEC: CMG CEC: CMG FT4	U-500 1000	U-152 305	26.0 52.2	11.8 23.7	0.96 mm 20 AWG (7x28) TC	0.057	1.46	Individual Beldfoil® + Drain Wire (22 AWG TC)	0.300	7.62	-	-	CDR/CDR CDR/SCR	55 95	180 312	Red & Black, Green & White

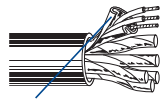


Z-Fold®

2-Pair

**20 AWG** • Stranded (7x28) 1.0 mm TC • Twisted Pair • Each Pair Individually **Beldfoil®** Shielded • 22 AWG Tinned Copper Drain Wire

Polypropylene Insulation • Chrome PVC Jacket																		
30V 80°C UL AWM Style 2919		NEC: CM CEC: CM					0.96 mm 20 AWG (7x28) TC	0.066	1.68	Individual Beldfoil® + Drain Wire (22 AWG TC)			50	66%				see chart 3 (Tech Info Section)

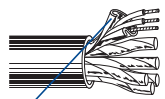


Z-Fold®

<b>9873</b>	3-Pair	100	31	6.6	3.0						0.341	8.66			CDR/CDR CDR/SCR	30 55	98 180	
		250	76	14.6	6.6													
		500	152	32.6	14.8													
		1000	305	58.0	26.3													
<b>9874</b>	6-Pair	100	31	10.4	4.7						0.445	11.30			CDR/CDR CDR/SCR	30 55	98 180	
		250	76	29.1	13.2													
		500	152	56.7	25.7													
		1000	305	113.1	51.3													
<b>9875</b>	9-Pair	100	31	17.9	8.1						0.555	14.10			CDR/CDR CDR/SCR	30 55	98 180	
		250	76	44.0														
		500	152	97.0	44.0													
		1000	305	194.9	88.4													

**18 AWG** • Stranded (19x30) 1.2 mm TC • Twisted Pair • Each Pair Individually **Beldfoil®** Shielded • 20 AWG Tinned Copper Drain Wire

Polypropylene Insulation • Chrome PVC Jacket																		
30V 80°C UL AWM Style 2919		NEC: CM CEC: CM					1.24 mm 18 AWG (19x30) TC	0.082	2.08	Individual Beldfoil® + Drain Wire (20 AWG TC)			50	66%				see chart 3 (Tech Info Section)



Z-Fold®

<b>9773</b>	3-Pair	100	31	10.8	4.9						0.404	10.26			CDR/CDR CDR/SCR	30 55	98 180	
		250	76	23.8														
		500	152	48.6														
<b>9774</b>	6-Pair	100	31	16.1	7.3						0.560	14.22			CDR/CDR CDR/SCR	30 55	98 180	
		250	76	40.9														
		500	152	80.8														
<b>9775</b>	9-Pair	100	31	25.8	11.7						0.655	16.64			CDR/CDR CDR/SCR	30 55	98 180	
		250	76	55.8														
		500	152	109.4														

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