

# Overall Beldfoil® Shield

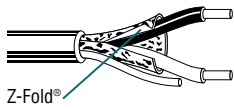
## Audio, Control and Instrumentation Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	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 Solid Conductors • Tinned Copper • Twisted Pairs • Overall 100% Beldfoil Shield • 22 AWG Solid TC Drain Wire\***

**Polypropylene Insulation • Gray or Black PVC Jacket**

300V RMS 105°C	<b>8450</b>	NEC: CM CEC: CM	1	Black, Red	U-500 <sup>▲</sup> U-1000 <sup>▲</sup>	U-152.4 U-304.8	7.0 13.0	3.2 5.9	.007 .007	.18 .18	.018 .018	.46 .46	.118 .118	3.00	40	131	76	249
					1000	304.8	13.0	5.9										



<sup>▲</sup>U-500 ft. and U-1000 ft. put-ups available in Black only.  
Belden's Miniature Type Broadcast Audio and Instrumentation Cables occupy 1/2 to 2/3 less space than standard cables.

**Polypropylene Insulation • Chrome PVC Jacket**

200V RMS 80°C	<b>8752</b>		38	Request Tech Bulletin T/8-4	250 <sup>†</sup> 1000 <sup>†</sup>	76.2 304.8	65.0 256.0	29.5 116.4	.008 .008	.20 .20	.045 .045	1.14 1.14	.610 .610	15.50	17	56	24.3	80
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\*8752 has a stranded tinned copper drain wire.

**22 AWG Stranded Conductors (7x30) • Tinned Copper • Twisted Pair • Overall 100% Beldfoil Shield • 22 AWG Stranded TC Drain Wire**

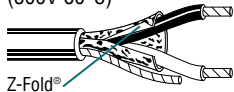
**Semi-rigid PVC Insulation • Pale Fawn Beige Jacket-Striated PVC**

UL AWM Style 2464 (300V 80°C)	<b>9414</b>	NEC: CMG CEC: CMG FT4	1	White, Black	U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	12.0 11.5 23.0 23.0	5.5 5.2 10.5 10.5	.010 .010	.254 .254	.035 .035	.89 .89	.180 .180	4.60	50	164	95	312
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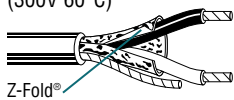
**PVC Insulation • Chrome PVC Jacket**

UL AWM Style 2464 (300V 80°C)	<b>9462</b>	NEC: CMG CEC: CMG FT4	1	Black, Red	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	3.0 11.0 10.5 21.0 21.0	1.4 5.0 4.8 9.5 9.5	.013 .013	.33 .33	.035 .035	.89 .89	.186 .186	4.70	50	164	90	295
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**Polyethylene Insulation • Chrome PVC Jacket**

UL AWM Style 2092 (300V 60°C)	<b>8761</b>	NEC: CM CEC: CM	1	Black, Clear	U-500 500 U-1000 1000 2000 5000 10000 <sup>††</sup>	U-152.4 152.4 U-304.8 304.8 609.6 1524.0 3048.0	9.0 9.0 17.0 18.0 34.0 90.0 170.0	4.1 4.1 7.7 8.2 15.5 40.9 77.3	.016 .016	.41 .41	.025 .025	.64 .64	.175 .175	4.45	24	79	47	154
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For Plenum versions of 8761, see 88761, 87761 or 82761.

UL AWM Style 2092 (300V 60°C)	<b>9461</b>	NEC: CM CEC: CM	1	Black, Clear	U-500 U-1000	U-152.4 U-304.8	11.0 21.0	5.0 9.6	.016 .016	.41 .41	.026 .026	.66 .66	.180 .180	4.57	24	79	47	154
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The jacket and shield are bonded so both can be removed on automatic stripping equipment.

TC = Tinned Copper

\*Capacitance between conductors.

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

<sup>†</sup>Spools are one piece, but length may vary -0 to +20% from length shown.

<sup>††</sup>Length may vary -10% to +20% and may contain 2 pieces. Minimum length of any piece is 1500 ft.



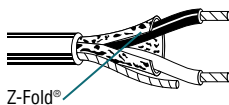
# Overall Beldfoil® Shield


## Audio, Control and Instrumentation Cables

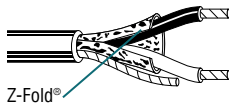
### Plenum-Rated and Non-Plenum

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	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

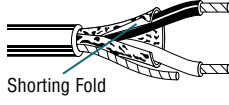
**22 AWG Stranded Conductors (7x30) • Tinned Copper • Twisted Pair • Overall 100% Beldfoil Shield • 22 AWG Stranded TC Drain Wire**


<b>Plenum • FEP Insulation • Red FEP Jacket</b>																				
 <p>Z-Fold®</p>	300V RMS, Non-conduit	<b>88761</b>	NEC:	1	Black,	100	30.5	2.7	1.2	.006	.15	.014	.36	.116	2.95	35	115	67	220	
			CMP		Red	U-500	U-152.4	7.0	3.2											
			CEC:				500†	152.4	7.5	3.4										
			CMP FT6				U-1000	U-304.8	13.0	5.9										
							1000†	304.8	14.0	6.4										

<b>Plenum • FEP Insulation • Red Fluorocopolymer Jacket</b>																				
 <p>Z-Fold®</p>	300V RMS, Non-conduit	<b>87761</b>	NEC:	1	Black,	500†	152.4	7.0	3.2	.006	.15	.014	.36	.116	2.95	35	115	67	220	
			CMP		Red	1000†	304.8	13.0	5.9											
			CEC:																	
			CMP FT6																	


<b>Plenum • FEP Insulation • Natural Flamarrest® Jacket</b>																				
 <p>Z-Fold®</p>	300V RMS, Non-conduit	<b>82761</b>	NEC:	1	Black,	U-500†	U-152.4	6.5	3.0	.006	.15	.014	.36	.116	2.95	35	115	67	220	
			CMP		Red	U-1000†	U-304.8	12.0	5.5											
			CEC:				1000†	304.8	13.0	5.9										
			CMP FT6																	

**20 AWG Stranded Conductors (7x28) • Tinned Copper • Twisted Pair • Overall 100% Beldfoil Shield • 20 AWG Stranded TC Drain Wire**

<b>Polyethylene Insulation • Chrome PVC Jacket</b>																					
 <p>Shorting Fold</p>	UL AWM Style 2092 (300V 60°C)	<b>8762</b>	NEC:	1	Black,	100	30.5	3.2	1.5	.016	.41	.028	.71	.204	5.18	27	89	49	161		
			CM		Clear	250	76.2	6.3	2.8												
			CEC:				U-500	U-152.4	12.0	5.5											
			CM				500	152.4	12.0	5.5											
							U-1000	U-304.8	23.0	10.5											
							1000	304.8	23.0	10.5											
							2000	609.6	46.0	20.9											
						10000	3048.0	240.0	109.1												

	UL AWM Style 2092 (300V 60°C)	<b>9464</b>	NEC:	1	Black,	U-500	U-152.4	16.5	7.5	.016	.41	.035	.89	.214	5.44	27	89	49	161	
			CM		Clear	U-1000	U-304.8	33.0	15.0											
			CEC:																	
			CM																	

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

<b>PVC Insulation • Beige PVC Jacket</b>																				
 <p>Z-Fold®</p>	UL AWM Style 2464 (300V 80°C)	<b>9154</b>	NEC:	1	Black,	U-500	U-152.4	11.5	5.2	.014	.36	.031	.79	.198	5.03	60	197	100	328	
			CMG		Red	500	152.4	12.0	5.5											
			CEC:				U-1000	U-304.8	23.0	10.5										
			CMG FT4				1000	304.8	23.0	10.5										

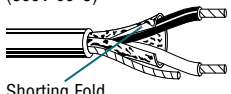

9154 has 22 AWG stranded tinned copper drain wire.

\* 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.



# Overall Beldfoil® Shield


Audio, Control and Instrumentation Cables  
Plenum-Rated and Non-Plenum


Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	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
<b>18 AWG Stranded Conductors (16x30) • Tinned Copper • Twisted Pair • Overall 100% Beldfoil Shield • 20 AWG Stranded TC Drain Wire</b>																		
<b>Polyethylene Insulation • Chrome PVC Jacket</b>																		
UL AWM Style 2092 (300V 60°C)	<b>8760</b>	NEC: CM CEC: CM	1	Black, Clear	250 U-500	76.2 U-152.4	6.8 13.0	3.1 5.9	.019 .48	.028 .71	.222 5.64	24	79	44	144			
					500	152.4	13.0	5.9										
Shorting Fold					U-1000	U-304.8	26.0	11.8										
					1000	304.8	25.0	11.4										
					2000	609.6	50.0	22.7										
					5000	1524.0	135.0	61.4										
					10000	3048.0	260.0	118.2										
	<b>9460</b>	NEC: CM CEC: CM	1	Black, Clear	U-500 U-1000	U-152.4 U-304.8	18.5 36.0	8.4 16.4	.019 .48	.030 .76	.230 5.84	24	79	44	144			


For Plenum versions of 8760, see 88760, 87760 or 82760.

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

**18 AWG Stranded Conductors (19x30) • Tinned Copper • Twisted Pair • Overall 100% Beldfoil Shield • 20 AWG Stranded TC Drain Wire**

<b>Plenum • FEP Insulation • Red FEP Jacket</b>																
300V RMS, Non-conduit	<b>88760</b>	NEC: CMP CEC: CMP FT6	1	Black, Red	100 U-500	30.5 U-152.4	3.7 12.5	1.7 5.7	.007 .18	.014 .36	.150 3.81	51	167	97	318	
					500†	152.4	13.0	5.9								
Z-Fold®					U-1000	U-304.8	24.0	10.9								
					1000†	304.8	24.0	10.9								

<b>Plenum • FEP Insulation • Red Fluorocopolymer Jacket</b>																
300V RMS, Non-conduit	<b>87760</b>	NEC: CMP CEC: CMP FT6	1	Black, Red	U-500 500†	U-152.4 152.4	12.0 12.5	5.5 5.7	.007 .18	.014 .36	.150 3.81	51	167	97	318	
					1000†	304.8	23.0	10.5								
Z-Fold®																

<b>Plenum • FEP Insulation • Natural Flamarrest® Jacket</b>																
300V RMS, Non-conduit	<b>82760</b>	NEC: CMP CEC: CMP FT6	1	Black, Red	U-500† U-1000†	U-152.4 U-304.8	11.5 22.0	5.2 10.0	.007 .18	.014 .36	.150 3.81	51	167	97	318	
					1000†	304.8	23.0	10.5								
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.

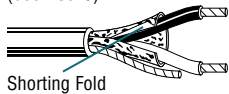


# Overall Beldfoil® Shield

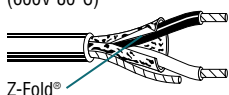
## Audio, Control and Instrumentation Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	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

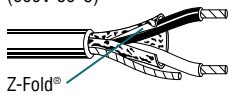
**16 AWG** Stranded Conductors (19x29) • Tinned Copper • Twisted Pair • Overall 100% Beldfoil Shield • 18 AWG Stranded TC Drain Wire

<b>Polyethylene Insulation • Chrome PVC Jacket</b>																					
UL AWM Style 20253 (600V 80°C)  Shorting Fold	<b>8719</b>	NEC:	1	Black, Clear	U-500	U-152.4	24.5	11.1	.032	.81	.032	.81	.313	7.95	23	75	44	144			
		CM, CL2			500	152.4	24.5	11.1													
		CEC:			U-1000	U-304.8	47.0	21.4													
		CM			1000	304.8	49.0	22.3													
					2000	609.6	100.0	45.5													
					5000	1524.0	245.0	111.4													
	10000	3048.0	430.0	195.5																	

**14 AWG** Stranded Conductors (19x27) • Tinned Copper • Twisted Pair • Overall 100% Beldfoil Shield • 16 AWG Stranded TC Drain Wire

<b>Polyethylene Insulation • Chrome PVC Jacket</b>																					
UL AWM Style 20253 (600V 80°C)  Z-Fold®	<b>8720</b>	NEC:	1	Black, Clear	U-500	U-152.4	34.5	15.7	.032	.81	.035	.89	.355	9.02	24	79	47	154			
		CM, CL2			500	152.4	34.0	15.5													
		CEC:			1000	304.8	71.0	32.3													
		CM			2000	609.6	138.0	62.7													

**12 AWG** Stranded Conductors (19x25) • Tinned Copper • Twisted Pair • Overall 100% Beldfoil Shield • 14 AWG Stranded TC Drain Wire

<b>Polyethylene Insulation • Chrome PVC Jacket</b>																					
UL AWM Style 20253 (600V 80°C)  Z-Fold®	<b>8718</b>	NEC:	1	Black, Clear	U-500	U-152.4	48.5	22.0	.037	.94	.040	1.02	.400	10.16	25	82	49	161			
		CM, CL2			500	152.4	51.0	23.2													
		CEC:			1000	304.8	100.0	45.5													
		CM			2000	609.6	198.0	90.0													

TC = Tinned Copper

\*Capacitance between conductors.

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

