


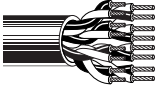







Unshielded**Audio, Control and Instrumentation Cables**

Description	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		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	
20 AWG • Stranded (7x28) 1.0 mm Tinned Copper • Twisted Pair													
PVC Insulation • Chrome PVC Jacket													
300V RMS		NEC: CMG CEC: CMG FT4					0.96 mm 20 AWG (7x28) TC	0.064	1.62	Unshielded			see chart 3 (Tech Info Section)
													
8205	1-Pair		100	31	2.6	1.2					0.180	4.57	
			U-500	U-152	9.0	4.1							
			500	152	9.0	4.1							
			U-1000	U-305	18.1	8.2							
			1000	305	18.1	8.2							
300V 80°C UL AWM Style 2464	9750		500	152	26.5	12.0					0.299	7.59	
			1000	305	50.0	22.7							
													
9751	6-Pair		100	31	9.0	4.1					0.366	9.30	
			500	152	45.2	20.5							
			1000	305	89.3	40.5							
9752	9-Pair		100	31	13.0	5.9					0.429	10.90	
			500	152	65.7	29.8							
			1000	305	125.2	56.8							
9755	15-Pair		100	31	17.9	8.1					0.545	13.84	
			1000	305	194.4	88.2							
18 AWG • Stranded (7x26) 1.2 mm Tinned Copper • Twisted Pair													
PVC Insulation • Chrome PVC Jacket													
300V RMS	8461	NEC: CMG CEC: CMG FT4	100	31	3.1	1.4	1.22 mm 18 AWG (7x26) TC	0.092	2.34	Unshielded	0.234	5.94	Black, White
			U-500	U-152	14.1	6.4							
			500	152	13.4	6.1							
			U-1000	U-305	26.0	11.8							
			1000	305	26.9	12.2							
													
1-Pair													
18 AWG • Stranded (16x30) 1.2 mm Tinned Copper • Twisted Pair													
PVC Insulation • Chrome PVC Jacket													
300V 80°C UL AWM Style 2464		NEC: CMG CEC: CMG FT4					1.20 mm 18 AWG (16x30) TC	0.076	1.92	Unshielded			see chart 3 (Tech Info Section)
													
9740	1-Pair		U-500	U-152	12.6	5.7					0.210	5.33	
			500	152	12.6	5.7							
			U-1000	U-305	24.0	10.9							
			1000	305	24.0	10.9							
			For Plenum version of 9740, see 89740, 87740 or 82740.										
9156	2-Pair		U-500	U-152	24.9	11.3					0.333	8.46	
			500	152	26.9	12.2							
			U-1000	U-305	48.9	22.2							
			1000	305	51.1	23.2							

TC = Tinned Copper • DCR = DC resistance

Unshielded

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		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	
18 AWG • Stranded (16x30) 1.2 mm Tinned Copper • Twisted Pair (continued)													
PVC Insulation • Chrome PVC Jacket													
300V 80°C UL AWM Style 2464		NEC: CMG CEC: CMG FT4					1.20 mm 18 AWG (16x30) TC	0.076	1.92	Unshielded			see chart 3 (Tech Info Section)
													
8690	3-Pair		100	31	7.1	3.2					0.347	8.81	
			U-500	U-152	32.6	14.8							
			500	152	34.0	15.4							
			1000	305	65.0	29.5							
9157	4-Pair		100	31	8.4	3.8					0.381	9.68	
			500	152	41.0	18.6							
			1000	305	83.1	37.7							
9159	5-Pair		500	152	50.0	22.7					0.391	9.93	
			1000	305	99.2	45.0							
18 AWG • Stranded (19x30) 1.2 mm Tinned Copper • Twisted Pair													
Plenum • FEP Insulation • Natural Flamarrst® Jacket													
300V RMS Non-conduit	82740	NEC: CMP CEC: CMP FT6	U-1000	U-305	17.0	7.7	1.24 mm 18 AWG (19x30) TC	0.061	1.54	Unshielded	0.147	3.73	Black, Red
			† 1000	305	16.1	7.3							
1-Pair													
16 AWG • Stranded (19x29) 1.5 mm Tinned Copper • Twisted Pair													
PVC Insulation • Chrome PVC Jacket													
300V 60°C UL AWM Style 2598	8471	NEC: CMG CEC: CMG FT4	U-500	U-152	20.9	9.5	1.47 mm 16 AWG (19x29) TC	0.104	2.63	Unshielded	0.274	6.96	Black, White
			500	152	20.1	9.1							
			U-1000	U-305	41.0	18.6							
			1000	305	43.0	19.5							
1-Pair													
14 AWG • Stranded (41x30) 1.9 mm Tinned Copper • Twisted Pair													
PVC Insulation • Chrome PVC Jacket													
600V 90°C UL AWM Style 2587	8473	NEC: CL3 CEC: FAS 90 FT4	U-500	U-152	29.1	13.2	1.85 mm 14 AWG (41x30) TC	0.135	3.43	Unshielded	0.340	8.64	Black, White
			500	152	30.6	13.9							
			1000	305	58.2	26.4							
1-Pair													
12 AWG • Stranded (65x30) 2.4 mm Tinned Copper • Twisted Pair													
PVC Insulation • Chrome PVC Jacket													
600V 90°C UL AWM Style 2587	8477	NEC: CL3R	U-500	U-152	41.4	18.8	2.41 mm 12 AWG (65x30) TC	0.159	4.03	Unshielded	0.386	9.80	Black, White
			500	152	43.4	19.7							
			1000	305	85.1	38.6							
1-Pair													

TC = Tinned Copper • DCR = DC resistance

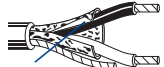
† Spools are one piece, but length may vary ±10% from length shown.

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	

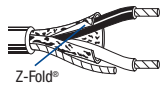
22 AWG • Solid 0.6 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 22 AWG Tinned Copper Drain Wire

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

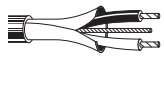
PVC Insulation • Beige PVC Jacket																			
 Z-Fold®	300V 80°C	9154	NEC:	U-500	U-152	11.5	5.2	0.96 mm	0.066	1.68	Overall Beldfoil® + Drain Wire (22 AWG TC)	0.198	5.03	-	-	CDR/CDR	60	197	Black, Red
	UL AWM Style 2464	CMG:	500	152	12.1	5.5	20 AWG			CDR/SCR						100	328		
		CEC:	U-1000	U-305	22.0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

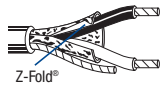
1-Pair

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:																	

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

1-Pair

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.

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				
16 AWG • Stranded (19x29) 1.5 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 18 AWG Tinned Copper Drain Wire																				
Polyethylene Insulation • Chrome PVC Jacket																				
 Shorting Fold 1-Pair	600V 80°C 8719	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

Polyethylene Insulation • Chrome PVC Jacket																				
 Z-Fold® 1-Pair	600V 80°C 8720	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

Polyethylene Insulation • Chrome PVC Jacket																				
 Z-Fold® 1-Pair	600V 80°C 8718	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														

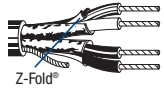
TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

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	

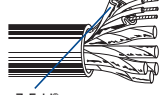
22 AWG • Stranded (7x30) 0.8 mm TC • Twisted Pair • Each Pair Individually Beldfoil® Shielded • 24 AWG Tinned Copper Drain Wire

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

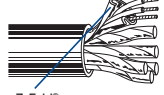
Polypropylene Insulation • Chrome PVC Jacket																			
 Z-Fold®	300V 80°C	UL AWM Style 2919	NEC:					0.76 mm	0.050	1.27	Individual Beldfoil® + Drain Wire (22 AWG TC)			50	66%	CDR/CDR	30	98	see chart 3 (Tech Info Section)
	CM					22 AWG													
	CEC:					(7x30) TC													
	CM																		

 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										

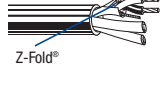
For halogen-free version see 8777NH.

 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	9402	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

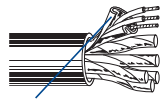


Z-Fold®

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)

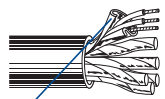


Z-Fold®

9873	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													
9874	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													
9875	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®

9773	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														
9774	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														
9775	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