





Unshielded



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	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

22 AWG Solid Bare Copper Conductors • Conductors Cabled**Polyethylene Insulation • Rose Gray PVC Jacket**

UL AWM Style 2092 (300V 60°C) 	8795	NEC: CM CEC: CM	2	Red, Green	U-500 U-1000 1000	U-152.4 U-304.8 304.8	10.0 19.0 17.0	4.5 8.6 7.8	.018 .46	.022 .56	.168	4.27
UL AWM Style 2093 (300V 60°C) 	8794	NEC: CM	3	Green, Red, Yellow	U-1000 1000	U-304.8 304.8	22.0 21.0	10.0 9.6	.018 .46	.022 .56	.178	4.52
UL AWM Style 2094 (300V 60°C) 	9794	NEC: MP, CM	4	Green, Red, Yellow, Black	U-500 U-1000 1000	U-152.4 U-304.8 304.8	14.0 26.0 25.0	6.4 11.8 11.4	.018 .46	.025 .64	.200	5.08
UL AWM Style 2094 (300V 60°C) 	1242A	NEC: CM CEC: CM	4	Green, Red, Yellow, Black	U-1000	U-304.8	16.0	7.2	.018 .46	.025 .64	.154	3.91

22 AWG Stranded (7x30) Tinned Copper Conductors • Conductors Cabled**PVC Insulation • Chrome PVC Jacket**

	8442*	NEC: CMG CEC: CMG FT4	2	Black, Red	100 U-500 500 U-1000 1000 10000 [†]	30.5 U-152.4 152.4 U-304.8 304.8 3048.0	2.4 1.1 8.0 3.7 7.5 3.4 15.0 6.8 15.0 6.8 150.0 68.2	1.1 3.7 8.0 3.4 15.0 6.8 150.0 68.2	.015 .38	.025 .64	.170	4.32	For Plenum versions of 8442, see 88442 or 82442.	
*Twisted pair														
UL AWM Style 2576 (150V 80°C) 	8443	NEC: CMG CEC: CMG FT4	3	Black, Red, Green	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	2.7 1.2 9.5 4.3 9.5 4.3 18.0 8.2 18.0 8.2	1.2 5.2 9.5 4.3 18.0 8.2	.010 .25	.032 .81	.172	4.37		
	8444	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	3.1 1.4 11.5 5.2 11.5 5.2 22.0 10.0 23.0 10.5	1.4 5.2 11.5 5.2 22.0 10.0 23.0 10.5	.010 .25	.032 .81	.185	4.70	For Plenum versions of 8444, see 88444 or 82444.	
	8445	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	3.5 1.6 13.5 6.1 13.5 6.1 25.0 11.4 26.0 11.8	1.6 6.1 13.5 6.1 25.0 11.4 26.0 11.8	.010 .25	.032 .81	.194	4.93		
	9430	NEC: CMG CEC: CMG FT4	7	See Chart 1 (Tech Info Section)	U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	17.0 7.7 17.0 7.7 32.0 14.5 34.0 15.9	7.7 17.0 32.0 14.5 34.0 15.9	.010 .25	.032 .81	.214	5.44		
	9421	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	4.2 1.9 19.0 8.7 18.5 8.4 36.0 16.3 38.0 17.2	1.9 8.7 18.5 8.4 36.0 16.3 38.0 17.2	.010 .25	.032 .81	.229	5.82		
	9423	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	4.7 2.1 21.0 9.6 21.5 9.8 41.0 18.6 43.0 19.5	2.1 9.6 21.5 9.8 41.0 18.6 43.0 19.5	.010 .25	.032 .81	.244	6.20		
	8456	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	5.0 2.3 22.5 10.2 23.0 10.5 44.0 20.0 46.0 20.9	2.3 10.2 23.0 10.5 44.0 20.0 46.0 20.9	.010 .25	.032 .81	.264	6.71		

[†]Final put-up may vary -10% to +20%. May contain two pieces, minimum length of any one piece is 1500 ft.

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Unshielded

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	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm


22 AWG Stranded (7x30) Tinned Copper Conductors • Conductors Cabled (continued)

PVC Insulation • Chrome PVC Jacket

UL AWM Style 2576 (150V 80°C) 	8457	NEC:	12	See Chart 1 (Tech Info Section)	100	30.5	5.6	2.5	.010	.25	.032	.81	.272	6.91
		CMG:			U-500	U-152.4	25.5	11.6						
		CEC:			500	152.4	26.0	11.8						
		CMG FT4			U-1000	U-304.8	50.0	22.7						
					1000	304.8	52.0	23.6						
	8458	NEC:	15	See Chart 2R (Tech Info Section)	100	30.5	7.3	3.3	.010	.25	.040	1.02	.315	8.00
		CMG:			500	152.4	35.5	16.1						
		CEC:			1000	304.8	72.0	32.7						
		CMG FT4												
	9431	NEC:	20	See Chart 2R (Tech Info Section)	100	30.5	9.1	4.1	.010	.25	.040	1.02	.345	8.76
		CMG:			500	152.4	48.5	22.0						
		CEC:			1000	304.8	87.0	39.5						
		CMG FT4												
	8459	NEC:	25	See Chart 2R (Tech Info Section)	100	30.5	11.1	5.0	.010	.25	.040	1.02	.387	9.83
		CMG:			500	152.4	55.0	25.0						
		CEC:			1000	304.8	109.0	49.5						
		CMG FT4												
	9432	NEC:	30	See Chart 2R (Tech Info Section)	100	30.5	12.5	5.7	.010	.25	.040	1.02	.400	10.16
		CMG:			500	152.4	62.5	28.4						
		CEC:			1000	304.8	124.0	56.3						
		CMG FT4												
	9433	NEC:	40	See Chart 2R (Tech Info Section)	100	30.5	16.6	7.5	.010	.25	.040	1.02	.455	11.56
		CMG:			500	152.4	83.0	37.7						
		CEC:			1000	304.8	161.0	73.1						
		CMG FT4												
	9434	NEC:	50	See Chart 2R (Tech Info Section)	500	152.4	100.5	45.7	.010	.25	.045	1.14	.500	12.70
		CMG:			1000	304.8	206.0	93.5						
		CEC:												
		CMG FT4												


Plenum • FEP Insulation • Red FEP Jacket


300V RMS, Non-conduit 	88442*	NEC:	2	Black, Red	100	30.5	2.3	1.0	.006	.15	.012	.30	.102	2.59
		CMP:			500 [†]	152.4	5.5	2.5						
		CEC:			1000 [†]	304.8	8.0	3.7						
		CMP FT6												

300V RMS, Non-conduit 	88444	NEC:	4	Black, White, Red, Green	100	30.5	2.9	1.3	.006	.15	.010	.25	.121	3.07
		CMP:			500 [†]	152.4	9.0	4.1						
		CEC:			1000 [†]	304.8	15.0	6.8						
		CMP FT6												

Suitable for Outdoor and Direct Burial applications.

Plenum • FEP Insulation • Natural Flamarrest® Jacket

300V RMS, Non-conduit 	82442*	NEC:	2	Black, Red	U-1000 [†]	U-304.8	9.0	4.1	.006	.15	.015	.38	.113	2.87
		CMP:			1000 [†]	304.8	8.0	3.7						
		CEC:												
		CMP FT6												

300V RMS, Non-conduit 	82444	NEC:	4	Black, White, Red, Green	U-500 [†]	U-152.4	9.0	4.1	.006	.15	.015	.38	.134	3.40
		CMP:			U-1000 [†]	U-304.8	16.0	7.3						
		CEC:			1000 [†]	304.8	15.0	6.8						
		CMP FT6												

* Twisted Pair

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

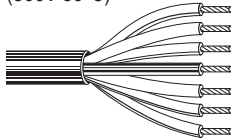
Unshielded

Audio, Control and Instrumentation Cables

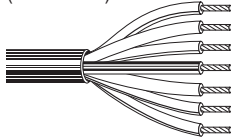
Non-Plenum

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	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

20 AWG Stranded (7x28) Tinned Copper Conductors • Conductors Cabled**PVC Insulation • Chrome PVC Jacket**

UL AWM Style 2464 (300V 80°C) 	9444	NEC:	4	See Chart 1 (Tech Info Section)	100	30.5	4.0	1.8	.013	.33	.032	.81	.217	5.51
		CMG:			U-500	U-152.4	16.5	7.5						
		CEC:			500	152.4	16.5	7.5						
		CMG FT4			U-1000	U-304.8	32.0	14.5						
					1000	304.8	33.0	15.0						
	9445	NEC:	5	See Chart 1 (Tech Info Section)	100	30.5	4.4	2.1	.013	.33	.032	.81	.239	6.07
		CMG:			U-500	U-152.4	20.0	9.1						
		CEC:			500	152.4	19.5	8.9						
		CMG FT4			U-1000	U-304.8	38.0	17.2						
					1000	304.8	40.0	18.2						
	9439	NEC:	7	See Chart 1 (Tech Info Section)	100	30.5	5.7	2.6	.013	.33	.032	.81	.260	6.60
		CMG:			U-500	U-152.4	26.0	11.9						
		CEC:			500	152.4	27.0	12.3						
		CMG FT4			U-1000	U-304.8	51.0	23.1						
					1000	304.8	53.0	24.1						
	9455	NEC:	9	See Chart 1 (Tech Info Section)	100	30.5	7.1	3.2	.013	.33	.035	.89	.317	8.05
		CMG:			500	152.4	35.0	15.9						
		CEC:			1000	304.8	67.0	30.4						
		CMG FT4												
	9457	NEC:	12	See Chart 1 (Tech Info Section)	100	30.5	9.2	4.2	.013	.33	.035	.89	.338	8.58
		CMG:			500	152.4	45.0	20.4						
		CEC:			1000	304.8	88.0	40.0						
		CMG FT4												
	9458	NEC:	15	See Chart 2R (Tech Info Section)	100	30.5	12.6	5.7	.013	.33	.040	1.02	.389	9.88
		CMG:			500	152.4	60.5	27.5						
		CEC:			1000	304.8	118.0	53.6						
		CMG FT4												

18 AWG Stranded (19x30) Tinned Copper Conductors • Conductors Cabled**PVC Insulation • Chrome PVC Jacket**

UL AWM Style 2598 (300V 60°C) 	8489	NEC:	4	See Chart 1 (Tech Info Section)	100	30.5	5.1	2.3	.017	.43	.032	.81	.257	6.53
		CMG:			250	76.2	12.0	5.4						
		CEC:			U-500	U-152.4	23.5	10.7						
		CMG FT4			500	152.4	24.0	10.9						
					U-1000	U-304.8	46.0	20.9						
										For Plenum versions of 8489, see 88489 or 82489.				
	8465	NEC:	5	See Chart 1 (Tech Info Section)	100	30.5	6.4	2.9	.017	.43	.033	.84	.282	7.16
		CMG:			U-500	U-152.4	29.5	13.5						
		CEC:			500	152.4	30.0	13.6						
		CMG FT4			U-1000	U-304.8	58.0	26.3						
					1000	304.8	60.0	27.4						
	8467	NEC:	7	See Chart 1 (Tech Info Section)	100	30.5	8.3	3.8	.017	.43	.037	.94	.314	7.98
		CMG:			250	76.2	20.0	9.1						
		CEC:			500	152.4	40.5	18.4						
		CMG FT4			1000	304.8	79.0	35.9						
	8469	NEC:	9	See Chart 1 (Tech Info Section)	100	30.5	10.5	4.8	.017	.43	.037	.94	.364	9.25
		CMG:			250	76.2	26.0	11.8						
		CEC:			500	152.4	51.5	23.4						
		CMG FT4			1000	304.8	105.0	47.7						
	8466	NEC:	12	See Chart 2R (Tech Info Section)	100	30.5	13.2	6.0	.017	.43	.040	1.02	.412	10.46
		CMG:			250	76.2	32.5	14.8						
		CEC:			500	152.4	66.0	30.0						
		CMG FT4			1000	304.8	131.0	59.5						
	8468	NEC:	15	See Chart 2R (Tech Info Section)	100	30.5	17.9	8.1	.017	.43	.045	1.14	.500	12.70
		CMG:			500	152.4	89.5	40.6						
		CEC:			1000	304.8	175.0	79.5						
		CMG FT4												

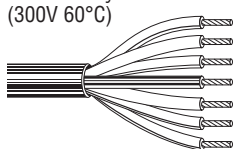
Unshielded

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	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

18 AWG Stranded (19x30) Tinned Copper Conductors • Conductors Cabled (continued)

PVC Insulation • Chrome PVC Jacket

	8619	NEC:	19	See Chart 2R (Tech Info Section)	100	30.5	20.3	9.2	.017	.43	.045	1.14	.490	12.45
		CMG:			500	152.4	101.0	45.9						
		CEC: CMG FT4			1000	304.8	198.0	90.0						


	9626	NEC:	25	See Chart 2R (Tech Info Section)	100	30.5	29.1	13.2	.017	.43	.060	1.52	.612	15.54
		CMG:			500	152.4	139.5	63.3						
		CEC: CMG FT4			1000	304.8	277.0	125.8						

Plenum • FEP Insulation • Red FEP Jacket

	88489	NEC:	4	Black, White, Red, Green	500 [†]	152.4	14.5	6.6	.007	.18	.009	.23	.161	4.09
		CMP:			1000 [†]	304.8	29.0	13.2						
		CEC: CMP FT6												

Suitable for Outdoor and Direct Burial applications.

Plenum • FEP Insulation • Natural Flamarrest® Jacket

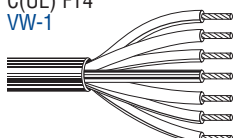
	82489	NEC:	4	Black, White, Red, Green	U-1000 [†]	U-304.8	31.0	14.1	.007	.18	.014	.36	.170	4.32
		CMP:			1000 [†]	304.8	29.0	13.2						
		CEC: CMP FT6												

16 AWG Stranded (19x29) Tinned Copper Conductors • Conductors Cabled

PVC Insulation • Cabled Wire (No Jacket)

	9498	—	3	Orange, Black, Orange w/ Black Stripe	1000	304.8	42.0	19.1	.027	.69	—	—	.243	6.17

PVC Insulation • Chrome PVC Jacket

	8620	—	4	See Chart 2 (Tech Info Section)	100	30.5	8.9	4.0	.031	.79	.042	1.07	.376	9.55
					500	152.4	44.0	20.0						
					1000	304.8	88.0	40.0						

	9620	—	5	See Chart 2 (Tech Info Section)	100	30.5	11.0	5.0	.031	.79	.042	1.07	.411	10.44
					500	152.4	53.5	24.3						
					1000	304.8	109.0	49.5						

	8621	—	7	See Chart 2R (Tech Info Section)	100	30.5	13.2	6.0	.031	.79	.045	1.14	.458	11.63
					500	152.4	73.5	33.4						
					1000	304.8	143.0	65.0						

	9721	—	8	See Chart 2R (Tech Info Section)	100	30.5	27.3	12.4	.031	.79	.045	1.14	.496	12.60
					500	152.4	136.5	62.0						
					1000	304.8	269.0	122.1						

	9621	—	9	See Chart 2R (Tech Info Section)	100	30.5	17.0	7.8	.031	.79	.045	1.14	.533	13.54
					500	152.4	94.0	42.7						
					1000	304.8	181.0	82.2						

	8622	—	12	See Chart 2R (Tech Info Section)	100	30.5	27.0	12.3	.031	.79	.060	1.52	.627	15.93
					500	152.4	126.5	57.4						
					1000	304.8	251.0	114.0						

	8623	—	15	See Chart 2R (Tech Info Section)	100	30.5	32.5	14.8	.031	.79	.060	1.52	.694	17.63
					500	152.4	155.5	70.6						
					1000	304.8	314.0	142.6						

	8624	—	19	See Chart 2R (Tech Info Section)	100	30.5	36.8	16.7	.031	.79	.065	1.65	.740	18.80
					500	152.4	178.5	81.0						
					1000	304.8	361.0	164.0						

	9622	—	25	See Chart 2R (Tech Info Section)	100	30.5	49.0	22.2	.031	.79	.065	1.65	.879	22.33
					500	152.4	236.0	107.1						
					1000	304.8	480.0	217.9						

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



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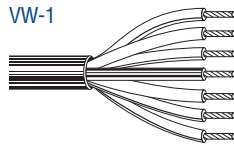
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Audio, Control, Communication and Instrumentation Cables

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	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

14 AWG Stranded (19x27) Tinned Copper Conductors • Conductors Cabled**PVC Insulation • Chrome PVC Jacket**

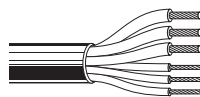
	600V RMS 80°C VW-1	8627	—	4	See Chart 2 (Tech Info Section)	100	30.5	13.8	6.3	.045	1.14	.045	1.14	.490	12.45
						500	152.4	76.5	34.7						
						1000	304.8	149.0	67.6						
		9623	—	5	See Chart 2 (Tech Info Section)	100	30.5	18.1	8.3	.045	1.14	.060	1.52	.573	14.55
						500	152.4	99.5	45.1						
						1000	304.8	197.0	89.4						
		8628	—	7	See Chart 2 (Tech Info Section)	100	30.5	23.9	11.0	.045	1.14	.060	1.52	.623	15.82
						500	152.4	128.0	58.1						
						1000	304.8	255.0	115.8						
		8629	—	12	See Chart 2 (Tech Info Section)	100	30.5	44.6	20.2	.045	1.14	.065	1.65	.824	20.93
						500	152.4	222.0	100.8						
						1000	304.8	454.0	206.1						

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 and 18 AWG Stranded (7x30 and 16x30) Tinned Copper Conductors • Conductors Cabled**PVC Insulation • Chrome PVC Jacket**

	UL AWM Style 2576 (150V 80°C)	8446	NEC: 6: CMG CEC: CMG FT4	6: 4 Unshld 22 (7x30) 2 Unshld 18 (16x30)	Red, Green, Brown, Blue Black, White	100	30.5	4.7	2.1	.010	.25	.032	.81	.236	5.99	30	98	54	177				
						U-500	U-152.4	21.5	9.8														
						500	152.4	21.5	9.8														
						U-1000	U-304.8	41.0	18.6	.019	.48												
						1000	304.8	43.0	19.5														

20 and 16 AWG Stranded (7x28 and 19x28) Tinned Copper Conductors • Conductors Cabled**PVC Insulation • Chrome PVC Jacket**

	NEC Article 800 (90°C)	9686	NEC: 6: CM	6: 3 Unshld 20 (7x28) 3 Unshld 16 (19x28)	Green, Blue, Purple Black, Red, Yellow	U-500	U-152.4	32.5	14.7	.012	.30	.032	.81	.295	7.49	20	66	36	118					
															.013	.33					30	98	54	177

*Capacitance between conductors.

**Nominal capacitance conductor to conductor and shield.


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**

 Shorting Fold	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	500	152.4	20.5	9.3										
						U-1000	U-304.8	38.0	17.2										
						1000	304.8	40.0	18.2										


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**

 Z-Fold®	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										
						500	152.4	24.5	11.1										
						U-1000	U-304.8	35.0	16.0										

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,	500†	152.4	18.0	8.2										
					Green	1000†	304.8	36.0	16.4										

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

Plenum • FEP Insulation • Natural Flamarrest® 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,	1000†	304.8	38.0	17.2										
					Green														

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

 Z-Fold®	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										

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%.

Overall Braid and Special Shielding

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

30 AWG Stranded (7x38) TC Conductors • Conductors Cabled around Textile Strength Member • Paper Separator • TC Braid Shield (95% Coverage)

Polypropylene Insulation • Chrome PVC Jacket

200V RMS 105°C	8643	—	3	Black, Red, White	100 250	30.5 76.2	1.1 3.0	.5 1.4	.006 .15	.014 .36	.096 2.44	25 82	43 141				
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Conductors cabled around textile strength member.

22 AWG Stranded (7x30) Tinned Copper Conductors • Conductors Cabled • Tinned Copper Braid Shield (70% Coverage)

PVC Insulation • Chrome PVC Jacket

UL AWM Style 2095 (300V 80°C)	8735	NEC: CMG CEC: CMG FT4	3	Black, Red, White	500 U-1000 1000	152.4 U-304.8 304.8	14.0 27.0 27.0	6.4 12.3 12.3	.015 .38	.025 .64	.202 5.13	34 112	60 197				
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20 AWG Stranded (7x28) Tinned Copper Conductors • Tinned Copper Braid Shield (85% Coverage)

PVC Insulation • Chrome PVC Jacket

UL AWM Style 2464 (300V 80°C)	9260	NEC: CMG CEC: CMG FT4	6	See Chart 2 (Tech Info Section)	100 500 1000	30.5 152.4 304.8	7.3 35.5 69.0	3.3 16.1 31.4	.016 .41	.032 .81	.305 7.75	26 85	50 164				
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	9261	NEC: CMG CEC: CMG FT4	12	See Chart 2R (Tech Info Section)	100 500 1000	30.5 152.4 304.8	12.0 60.0 119.0	5.5 27.3 54.1	.016 .41	.040 1.02	.396 10.06	26 85	57 187				
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Combination Shielded/Unshielded • 22 AWG Stranded (7x30) TC Conductors • Conductors Cabled • TC Braid Shield (80% Coverage)[†]

PVC Insulation • Chrome PVC Jacket

UL AWM Style 2785 (300V 80°C)	8734	NEC: CM	3: 1 Shld 2 Unshld	Black, Red, White	U-1000 1000	U-304.8 304.8	23.0 21.0	10.4 9.6	.015 .38	.025 .64	.194 4.93	— —	79 259				
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[†]Tinned copper braid shield over one conductor (80% coverage).

Overall Spiral Shield • 18 AWG Stranded (7x26) TC Conductors • Conductors Cabled • Tinned Copper Spiral Wrap (80% Coverage)

PVC Insulation • Chrome PVC Jacket

450V RMS 80°C VW-1	8791	—	3	Black, Red, White	500 U-1000 1000	152.4 U-304.8 304.8	23.0 44.0 46.0	10.4 20.0 20.9	.022 .56	.028 .71	.260 6.60	47 154	84 276				
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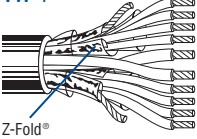
TC = Tinned Copper

*Capacitance between conductors.

**Nominal capacitance conductor to conductor and shield.


Overall Shield

Special Audio, Communication and Instrumentation Cables

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 and 22 AWG Stranded (7x32 and 7x30) Tinned Copper Conductors • Cabled in Quads† • 24 AWG Stranded Tinned Copper Drain Wire PVC Insulation (22 AWG) / Polyethylene Insulation (24 AWG) • Chrome PVC Jacket																				
350V RMS 80°C VW-1  Z-Fold®	8787	—	10:	Gray,	U-500	U-152.4	24.0	10.9	.012	.30	.030	.76	.290	7.37	—	—	—	—		
			4 Shld 24 (7x32)	White, Blue, Green	500	152.4	22.5	10.3												
			4 Shld 24 (7x32)	Brown, Red, Yellow, Orange					.012	.30										
			2 Unshld 22 (7x30)	White, Blue					.015	.38										

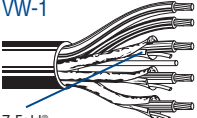
† Each quad wrapped in transparent polyester tape. Red Beldfoil® shield over one quad, Green Beldfoil shield over the other. (2) quads and (2) unshielded conductors cabled.

24 and 22 AWG Stranded (7x32 and 7x30) Tinned Copper Conductors • (4) Conductors Cabled†† • 22 AWG Stranded TC Drain Wire

PVC Insulation • Chrome PVC Jacket																			
300V 90°C NEC Article 800  Z-Fold®	8786	NEC:	6:	Black,	U-500	U-152.4	17.0	7.8	.015	.38	.028	.71	.236	5.99	—	—	—	—	
		CM	4 Shld 24 (7x32)	Green, Red, Yellow	500	152.4	16.5	7.5											
		CEC: CM	2 Unshld 22 (7x30)	Blue, White															

†† (4) conductors cabled under 100% Beldfoil shield; (2) conductors unshielded.

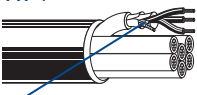
22 AWG Stranded (7x30) TC Conductors • (3) Conductors Cabled and Separately Beldfoil® Shielded (100% Coverage) with Drain Wires*[‡]

PVC Insulation • Chrome PVC Jacket																			
300V RMS 60°C VW-1  Z-Fold®	8788	NEC:	5:	Black,	500	152.4	15.5	7.1	.015	.38	.028	.71	.236	5.99	34	112	—	—	
		CM	3 Shld	Red, Green															
			2 Unshld*	Yellow, Blue															

* (2) Unshielded conductors cabled around a non-hygroscopic filler.

[‡] Drain wire for each conductor is tinned cadmium bronze ribbon under 100% Beldfoil shield coverage.

22 AWG Triads Stranded (7x30) Tinned Copper Conductors • Cabled in Triads* • 22 AWG Stranded Tinned Copper Drain Wire

Polypropylene Insulation • Overall Chrome PVC Jacket																		
300V RMS 80°C VW-1  Z-Fold®	9772	—	36 (12 triads)	Black, Red, Green, Triads w/Color Coded Jackets	500	152.4	139.0	63.2	.008	.20	.060	1.52	.725	18.42	34	112	67	220

* Each triad shielded with 100% Beldfoil shield and drain wire, encased in a .020" white PVC jacket with color coded stripes.

TC = Tinned Copper

* Capacitance between conductors.

** Nominal capacitance conductor to conductor and shield.

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