





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														
	8795 UL AWM Style 2092 (300V 60°C)	NEC: CM CEC: CM	2	Red, Green	U-500	U-152.4	10.0	4.5	.018	.46	.022	.56	.168	4.27
					U-1000	U-304.8	19.0	8.6						
					1000	304.8	17.0	7.8						
	8794 UL AWM Style 2093 (300V 60°C)	NEC: CM	3	Green, Red, Yellow	U-1000	U-304.8	22.0	10.0	.018	.46	.022	.56	.178	4.52
					1000	304.8	21.0	9.6						
	9794 UL AWM Style 2094 (300V 60°C)	NEC: MP, CM	4	Green, Red, Yellow, Black	U-500	U-152.4	14.0	6.4	.018	.46	.025	.64	.200	5.08
					U-1000	U-304.8	26.0	11.8						
					1000	304.8	25.0	11.4						
	1242A UL AWM Style 2094 (300V 60°C)	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	30.5	2.4	1.1	.015	.38	.025	.64	.170	4.32
					U-500	U-152.4	8.0	3.7						
					500	152.4	7.5	3.4						
					U-1000	U-304.8	15.0	6.8						
					1000	304.8	15.0	6.8						
*Twisted pair														
	8443 UL AWM Style 2576 (150V 80°C)	NEC: CMG CEC: CMG FT4	3	Black, Red, Green	100	30.5	2.7	1.2	.010	.25	.032	.81	.172	4.37
					U-500	U-152.4	9.5	4.3						
					500	152.4	9.5	4.3						
					U-1000	U-304.8	18.0	8.2						
					1000	304.8	18.0	8.2						
	8444	NEC: CMG CEC: CMG FT4	4	See Chart 1 (Tech Info Section)	100	30.5	3.1	1.4	.010	.25	.032	.81	.185	4.70
					U-500	U-152.4	11.5	5.2						
					500	152.4	11.5	5.2						
					U-1000	U-304.8	22.0	10.0						
					1000	304.8	23.0	10.5						
	8445	NEC: CMG CEC: CMG FT4	5	See Chart 1 (Tech Info Section)	100	30.5	3.5	1.6	.010	.25	.032	.81	.194	4.93
					U-500	U-152.4	13.5	6.1						
					500	152.4	13.5	6.1						
					U-1000	U-304.8	25.0	11.4						
					1000	304.8	26.0	11.8						
	9430	NEC: CMG CEC: CMG FT4	7	See Chart 1 (Tech Info Section)	U-500	U-152.4	17.0	7.7	.010	.25	.032	.81	.214	5.44
					500	152.4	17.0	7.7						
					U-1000	U-304.8	32.0	14.5						
					1000	304.8	34.0	15.9						
	9421	NEC: CMG CEC: CMG FT4	8	See Chart 1 (Tech Info Section)	U-500	U-152.4	4.2	1.9	.010	.25	.032	.81	.229	5.82
					500	152.4	19.0	8.7						
					500	152.4	18.5	8.4						
					U-1000	U-304.8	36.0	16.3						
					1000	304.8	38.0	17.2						
	9423	NEC: CMG CEC: CMG FT4	9	See Chart 1 (Tech Info Section)	100	30.5	4.7	2.1	.010	.25	.032	.81	.244	6.20
					U-500	U-152.4	21.0	9.6						
					500	152.4	21.5	9.8						
					U-1000	U-304.8	41.0	18.6						
					1000	304.8	43.0	19.5						
	8456	NEC: CMG CEC: CMG FT4	10	See Chart 1 (Tech Info Section)	100	30.5	5.0	2.3	.010	.25	.032	.81	.264	6.71
					U-500	U-152.4	22.5	10.2						
					500	152.4	23.0	10.5						
					U-1000	U-304.8	44.0	20.0						
					1000	304.8	46.0	20.9						

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





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															
	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															
	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													
	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															
	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													
	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															

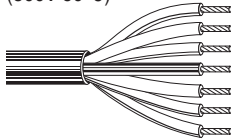
* Twisted Pair
[†] Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.

Unshielded

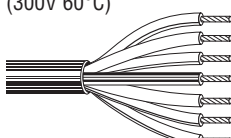
Audio, Control and Instrumentation Cables Non-Plenum

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															
 <p>UL AWM Style 2464 (300V 80°C)</p>	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			U-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			U-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			U-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														
 <p>UL AWM Style 2598 (300V 60°C)</p>	8489	NEC:	4	See Chart 1 (Tech Info Section)	100	30.5	5.1	2.3	.017	.43	.032	.81	.257	6.53
		CMG			U-500	U-152.4	12.0	5.4						
		CEC:			500	152.4	23.5	10.7						
		CMG FT4			U-1000	U-304.8	46.0	20.9						
					1000	304.8	48.0	21.8						
	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			U-500	152.4	40.5	18.4						
		CEC:			1000	304.8	79.0	35.9						
		CMG FT4												
	8469	NEC:	9	See Chart 1 (Tech Info Section)	100	30.5	10.5	4.8	.017	.43	.037	.94	.364	9.25
		CMG			U-500	152.4	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			U-500	152.4	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			U-500	152.4	89.5	40.6						
		CEC:			1000	304.8	175.0	79.5						
		CMG FT4												



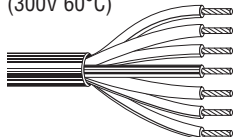
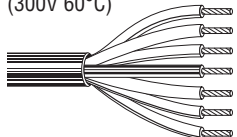
Unshielded

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	UL AWM Style 2598 (300V 60°C)	NEC: 19	See	100	30.5	20.3	9.2	.017	.43	.045	1.14	.490	12.45
		CMG	Chart 2R	500	152.4	101.0	45.9							
		CEC: CMG FT4	(Tech Info Section)	1000	304.8	198.0	90.0							
	9626		NEC: 25	See	100	30.5	29.1	13.2	.017	.43	.060	1.52	.612	15.54
		CMG	Chart 2R	500	152.4	139.5	63.3							
		CEC: CMG FT4	(Tech Info Section)	1000	304.8	277.0	125.8							

Plenum • FEP Insulation • Red FEP Jacket

	88489	300V RMS	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

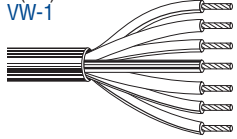
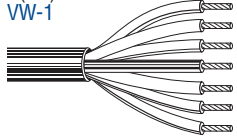
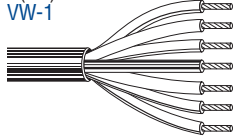
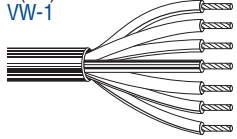
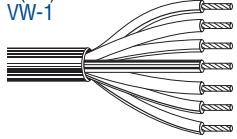
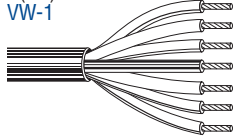
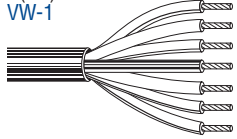
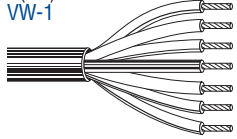
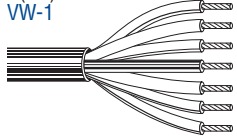
	82489	300V RMS	NEC: 4	Black, White, Red, Green	U-1000 [†]	U-304.8	31.0	14.1	.007	.18	.014	.36	.170	4.32
		CMP		1000 [†]	304.8	29.0	13.2							
		CEC: CMP FT6												

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

PVC Insulation • Cabled Wire (No Jacket)

	9498	UL AWM Style 1007 (300V 80°C) VW-1	—	3	Orange, Black, Orange w/ Black Stripe	1000	304.8	42.0	19.1	.027	.69	—	—	.243	6.17
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PVC Insulation • Chrome PVC Jacket

	8620	600V RMS 80°C C(UL) FT4 VW-1	—	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						

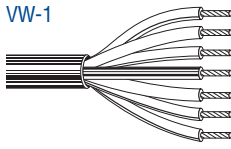
[†]Spools and/or UnReel® cartons are one piece, but length may vary ± 10% for spools and ± 5% for UnReel from length shown.

Unshielded

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

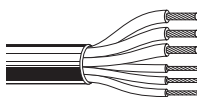
PVC Insulation • Chrome PVC Jacket														
	8627	—	4	See Chart 2 (Tech Info Section)	100	30.5	13.8	6.3	.045	1.14	.045	1.14	.490	12.45
					500	152.4	76.5	34.7						
					1000	304.8	149.0	67.6						
	9623	—	5	See Chart 2 (Tech Info Section)	100	30.5	18.1	8.3	.045	1.14	.060	1.52	.573	14.55
					500	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																			
	8446	NEC:	6:	Red, Green,	100	30.5	4.7	2.1	.010	.25	.032	.81	.236	5.99	30	98	54	177	
		CMG	4 Unshld	Brown,	U-500	U-152.4	21.5	9.8											
		CEC:	22 (7x30)	Blue	500	152.4	21.5	9.8											
		CMG FT4	2 Unshld	Black,	U-1000	U-304.8	41.0	18.6	.019	.48									
			18 (16x30)	White	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																				
	9686	NEC:	6:	Green, Blue, Purple	U-500	U-152.4	32.5	14.7	.012	.30	.032	.81	.295	7.49	20	66	36	118		
		CM	3 Unshld																	
			20 (7x28)																	
			3 Unshld	Black, Red, Yellow						.013	.33					30	98	54	177	
			16 (19x28)																	

*Capacitance between conductors.
**Nominal capacitance conductor to conductor and shield.

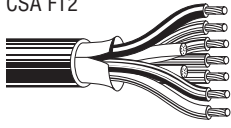
4 • Multi-Conductor Cables



Unshielded

Power and Control Cables

Rubber and Oil-Resistant Rubber SO 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		
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	
16 AWG Stranded (65x34) Bare Copper Conductors • Conductors Cabled with Fillers • Paper Tape Separator															
EPDM Rubber Insulation • Black Oil-resistant Rubber Jacket															
600V RMS 60°C CSA FT2 	9420	UL:	5	See Chart 2 (Tech Info Section)	100	30.5	13.3	6.0	.033	.838	.084	2.13	.506	12.85	
		SO			500	152.4	73.5	33.4							
		CSA: SO			1000	304.8	143.0	65.0							
		9422	UL:	7	See Chart 2 (Tech Info Section)	100	30.5	18.5	8.4	.033	.838	.083	2.11	.581	14.76
			SO			500	152.4	101.0	45.9						
			CSA: SO			1000	304.8	201.0	91.3						
	9424	UL:	9	See Chart 2 (Tech Info Section)	100	30.5	29.6	13.4	.033	.838	.100	2.54	.720*	18.29	
		SO			500	152.4	150.5	68.3							
		CSA: SO			1000	304.8	288.0	130.8							
	9425	UL:	12	See Chart 2 (Tech Info Section)	100	30.5	32.6	14.8	.033	.838	.100	2.54	.720	18.29	
		SO			500	152.4	165.5	75.1							
		CSA: SO			1000	304.8	318.0	144.4							
	9427	UL:	16	See Chart 2 (Tech Info Section)	100	30.5	39.5	17.9	.033	.838	.100	2.54	.787	19.99	
		SO			1000	304.8	428.0	194.3							
		CSA: SO													
	9429	UL:	20	See Chart 2 (Tech Info Section)	100	30.5	48.4	22.0	.033	.838	.100	2.54	.862	21.89	
		SO			500	152.4	233.0	105.8							
		CSA: SO													

EPDM = Ethylene Propylene Diene Monomer

*Fillers added in the center