

Unshielded

Audio, Control and Instrumentation Cables

Plenum-Rated and Non-Plenum

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	

22 AWG • Stranded (7x30) 0.8 mm Tinned Copper • Conductors Cabled**PVC Insulation • Chrome PVC Jacket**

150V 80°C UL AWM Style 2576	NEC: CMG CEC: CMG FT4						0.76 mm 22 AWG (7x30) TC	0.060	1.52	Unshielded			
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8442	2 CDR*	100	31	2.4	1.1	0.170	4.32	Black, Red
		U-500	U-152	8.2	3.7			
		500	152	7.5	3.4			
		U-1000	U-305	15.0	6.8			
		1000	305	15.0	6.8			
		† 10000	3048	150.4	68.2			

For Plenum version of 8442, see 88442 or 82442.

8443	3 CDR	100	31	2.6	1.2	0.172	4.37	Black, Red, Green
		U-500	U-152	9.5	4.3			
		500	152	9.5	4.3			
		U-1000	U-305	18.1	8.2			
		1000	305	18.1	8.2			

8444	4 CDR	100	31	3.1	1.4	0.185	4.70	see chart 1 (Tech Info Section)
		U-500	U-152	11.5	5.2			
		500	152	11.5	5.2			
		U-1000	U-305	22.0	10.0			
		1000	305	23.1	10.5			

For Plenum version of 8444, see 88444 or 82444.

8445	5 CDR	100	31	3.5	1.6	0.194	4.93	see chart 1 (Tech Info Section)
		U-500	U-152	13.4	6.1			
		500	152	13.4	6.1			
		U-1000	U-305	25.1	11.4			
		1000	305	26.0	11.8			

9430	7 CDR	U-500	U-152	17.0	7.7	0.214	5.44	see chart 1 (Tech Info Section)
		500	152	17.0	7.7			
		U-1000	U-305	32.0	14.5			
		1000	305	35.1	15.9			

9421	8 CDR	100	31	4.2	1.9	0.229	5.82	see chart 1 (Tech Info Section)
		U-500	U-152	19.2	8.7			
		500	152	18.5	8.4			
		U-1000	U-305	35.9	16.3			
		1000	305	37.9	17.2			

9423	9 CDR	100	31	4.6	2.1	0.244	6.20	see chart 1 (Tech Info Section)
		U-500	U-152	21.2	9.6			
		500	152	21.6	9.8			
		U-1000	U-305	41.0	18.6			
		1000	305	43.0	19.5			

8456	10 CDR	100	31	5.1	2.3	0.264	6.71	see chart 1 (Tech Info Section)
		U-500	U-152	22.5	10.2			
		500	152	23.1	10.5			
		U-1000	U-305	44.1	20.0			
		1000	305	46.1	20.9			

18 AWG • Stranded (19x30) 1.2 mm Tinned Copper • Conductors Cabled**Plenum • FEP Insulation • Natural Flamarrest® Jacket**

Non-conduit	82489	NEC: CMP CEC: CMP FT6	† U-1000 † 1000	U-305 305	31.1 29.1	14.1 13.2	1.24 mm 18 AWG (19x30) TC	0.063	1.60	Unshielded	0.170	4.32	Black, White, Red, Green
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4-Conductor

TC = Tinned Copper • DCR = DC resistance

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

* Twisted Pair

Overall Foil/Braid 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. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm		pF/ft.	pF/m	

24 AWG • Stranded Conductors (7x32) 0.6 mm Tinned Copper • Conductors Cabled • Overall Beldfoil® Shield + 85% Tinned Copper Braid

Plenum • FEP Insulation • Red FEP Jacket

300V RMS Non-conduit	NEC: CMP CEC: CMP FT6						0.61 mm 24 AWG (7x32) TC	0.036	0.91	Overall Beldfoil® + Overall 85% TC Braid			–			see chart 2 (Tech Info Section)
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83503	3 CDR	† 500	152	9.5	4.3						0.135	3.43	CDR/CDR	20	66		
		† 1000	305	16.1	7.3									CDR/SCR	36	118	
83504	4 CDR	100	31	3.5	1.6						0.144	3.66	CDR/CDR	20	66		
		† 500	152	10.1	4.6									CDR/SCR	36	118	
		† 1000	305	20.1	9.1												
83506	6 CDR	† 500	152	13.2	6.0						0.165	4.19	CDR/CDR	20	66		
		† 1000	305	26.2	11.9									CDR/SCR	36	118	

22 AWG • Stranded Conductors (7x30) 0.8 mm Tinned Copper • Conductors Cabled • Overall Beldfoil® Shield + 85% Tinned Copper Braid

Plenum • FEP Insulation • Red FEP Jacket

300V RMS Non-conduit	NEC: CMP CEC: CMP FT6						0.76 mm 22 AWG (7x30) TC	0.042	1.06	Overall Beldfoil® + Overall 85% TC Braid			–			see chart 2 (Tech Info Section)
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83552	2 CDR	† 500	152	8.2	3.7						0.141	3.58	CDR/CDR	23	75		
		† 1000	305	16.1	7.3									CDR/SCR	40	131	
83553	3 CDR	100	31	3.5	1.6						0.148	3.76	CDR/CDR	23	75		
		† 500	152	11.5	5.2									CDR/SCR	40	131	
		† 1000	305	20.1	9.1												
83554	4 CDR	100	31	4.0	1.8						0.159	4.04	CDR/CDR	23	75		
		† 500	152	12.6	5.7									CDR/SCR	40	131	
		† 1000	305	25.1	11.4												
83556	6 CDR	100	31	5.3	2.4						0.183	4.65	CDR/CDR	23	75		
		† 500	152	16.5	7.5									CDR/SCR	40	131	
		† 1000	305	35.9	16.3												
83559	9 CDR	100	31	6.8	3.1						0.209	5.31	CDR/CDR	23	75		
		† 500	152	23.1	10.5									CDR/SCR	40	131	
		† 1000	305	50.0	22.7												
83562	12 CDR	† 500	152	28.7	13.0						0.234	5.94	CDR/CDR	23	75		
		† 1000	305	60.0	27.2									CDR/SCR	40	131	
83569	19 CDR	100	31	9.7	4.4						0.269	6.83	CDR/CDR	23	75		
		† 500	152	44.1	20.0									CDR/SCR	40	131	
		† 1000	305	85.1	38.6												

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors
† Spools are one piece, but length may vary ± 10% from length shown.