





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 7.5 15.0 15.0 150.0	1.1 3.7 3.4 6.8 6.8 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 9.5 18.0 18.0	1.2 5.2 4.3 4.3 8.2 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 22.0 10.0 23.0	1.4 5.2 5.2 10.0 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 6.1 11.4 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 7.7 14.5 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 8.4 16.3 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 9.8 18.6 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 10.5 20.0 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.

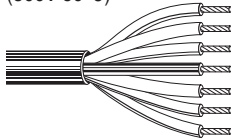
Unshielded

Audio, Control and Instrumentation Cables

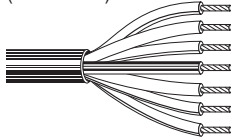
Non-Plenum

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			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**

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			U-500	U-152.4	23.5	10.7						
		CEC:			500	152.4	24.0	10.9						
		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			U-1000	U-304.8	105.0	47.7						
					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			U-1000	U-304.8	131.0	59.5						
					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												


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 Flammarrest® 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%.

Plenum-Rated




Unshielded

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

22 AWG Stranded (7x30) Tinned Copper Conductors • Twisted Pairs

Plenum • FEP Insulation • Red FEP Jacket


	88442	NEC:	1	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	3.6						
		CMP FT6												
	88741	NEC:	2	Black & Red, Black & White	500 [†]	152.4	8.0	3.6	.006	.15	.012	.30	.169	4.29
		CMP			1000 [†]	304.8	16.0	7.3						
		CEC:												
		CMP FT6												
	88757	NEC:	4	Black & Red, Black & White, Black & Green, Black & Blue	500 [†]	152.4	14.0	6.4	.006	.15	.012	.30	.200	5.08
		CMP			1000 [†]	304.8	28.0	12.7						
		CEC:												
		CMP FT6												

Plenum • FEP Insulation • Natural Flamarrest® Jacket

	82442	NEC:	1	Black & Red	U-1000 [†]	U-304.8	9.0	4.1	.006	.15	.014	.36	.112	2.84
		CMP			1000 [†]	304.8	8.0	3.6						
		CEC:												
		CMP FT6												
	82741	NEC:	2	Black & Red, Black & White	U-1000 [†]	U-304.8	18.0	8.2	.006	.15	.014	.36	.179	4.55
		CMP			1000 [†]	304.8	20.0	9.1						
		CEC:												
		CMP FT6												
	82742	NEC:	3	Black & Red, Black & White, Black & Green	U-1000 [†]	U-304.8	24.0	10.9	.006	.15	.014	.36	.191	4.85
		CMP			1000 [†]	304.8	26.0	11.8						
		CEC:												
		CMP FT6												
	82757	NEC:	4	Black & Red, Black & White, Black & Green, Black & Blue	1000	304.8	32.0	14.5	.006	.15	.014	.36	.210	5.33
		CMP												
		CEC:												
		CMP FT6												
	82743	NEC:	6	Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown	U-1000	U-304.8	44.0	20.0	.006	.15	.015	.38	.238	6.05
		CMP			1000	304.8	46.0	20.9						
		CEC:												
		CMP FT6												

18 AWG Stranded (19x30) Tinned Copper Conductors • Twisted Pair

Plenum • FEP Insulation • Red FEP Jacket

	89740	NEC:	1	Black & Red	100	30.5	3.0	1.4	.006	.15	.009	.23	.136	3.45
		CMP			500 [†]	152.4	9.0	4.1						
		CEC:			1000 [†]	304.8	15.0	6.8						
		CMP FT6												

Plenum • FEP Insulation • Red Fluorocopolymer Jacket

	87740	NEC:	1	Black & Red	500 [†]	152.4	9.0	4.1	.006	.15	.011	.28	.140	3.56
		CMP			1000 [†]	304.8	17.0	7.7						
		CEC:												
		CMP FT6												

Plenum • FEP Insulation • Natural Flamarrest Jacket

	82740	NEC:	1	Black & Red	U-1000	U-304.8	17.0	7.7	.006	.15	.015	.38	.147	3.73
		CMP			1000	304.8	16.0	7.3						
		CEC:												
		CMP FT6												

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



For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr

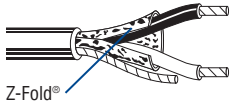
Plenum-Rated

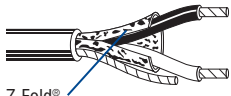
Overall Beldfoil® Shield

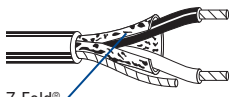
Audio, Control and Instrumentation Cables

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

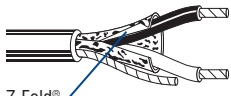
Plenum • FEP Insulation • Red FEP Jacket																					
300V RMS  Z-Fold®	88761	NEC:	1	Black, Red	100	30.5	2.7	1.2	.006	.15	.014	.36	.119	3.02	35	115	67	220			
		CMP			U-500	U-152.4	7.5	3.4													
		CEC:			500	152.4	7.5	3.4													
		CMP FT6			U-1000	U-304.8	15.0	6.8													
					1000	304.8	12.0	5.5													

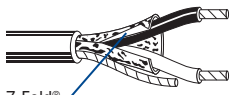
Plenum • FEP Insulation • Red Fluorocopolymer Jacket																					
300V RMS  Z-Fold®	87761	NEC:	1	Black, Red	500	152.4	7.0	3.2	.006	.15	.014	.36	.116	2.95	35	115	67	220			
		CMP			1000	304.8	11.0	5.0													
		CEC:																			
		CMP FT6																			

Plenum • FEP Insulation • Natural Flamarrest® Jacket																					
300V RMS  Z-Fold®	82761	NEC:	1	Black, Red	U-500	U-152.4	7.0	3.2	.006	.15	.014	.36	.116	2.95	35	115	67	220			
		CMP			U-1000	U-304.8	14.0	6.4													
		CEC:			1000	304.8	11.0	5.0													
		CMP FT6																			

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

Plenum • FEP Insulation • Red FEP Jacket																					
300V RMS  Z-Fold®	88760	NEC:	1	Black, Red	100	30.5	3.7	1.7	.007	.18	.014	.36	.150	3.81	51	167	97	318			
		CMP			U-500	U-152.4	12.5	5.7													
		CEC:			500	152.4	11.0	5.0													
		CMP FT6			U-1000	U-304.8	24.0	10.9													
					1000	304.8	22.0	10.0													

Plenum • FEP Insulation • Red Fluorocopolymer Jacket																					
300V RMS  Z-Fold®	87760	NEC:	1	Black, Red	U-500	U-152.4	12.5	5.7	.007	.18	.014	.36	.150	3.81	51	167	97	318			
		CMP			500	152.4	10.5	4.8													
		CEC:			1000	304.8	21.0	9.5													
		CMP FT6																			

Plenum • FEP Insulation • Natural Flamarrest Jacket																					
300V RMS  Z-Fold®	82760	NEC:	1	Black, Red	U-500	U-152.4	12.0	5.5	.007	.18	.014	.36	.150	3.81	51	167	97	318			
		CMP			U-1000	U-304.8	22.0	10.0													
		CEC:			1000	304.8	21.0	9.5													
		CMP FT6																			

TC = Tinned Copper

*Capacitance between conductors.

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

Plenum-Rated


Individually Shielded Pairs

Audio, Control and Instrumentation Cables


Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Nom. DCR		Nominal OD		Nom. Imp. of Prop. (Ω)	Nom. Vel. of Prop.	Nom. Capacitance			
					Ft.	m	Lbs.	kg	Cond.	Shield	Inch	mm			* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m


22 AWG Stranded (7x30) TC Conductors • Twisted Pairs • Individually Shielded Beldfoil® (100% Coverage) • 22 AWG Stranded TC Drain Wire††

Plenum • FEP Insulation • Natural Flamarrest® Jacket


 <p>Z-Fold®</p>	82723	NEC:	2	Red & Black,	U-500	U-152.4	10.5	4.8	14.7Ω/M'	16.6Ω/M'	.153	3.89	36	62%	43	141	75	246
		CMP			U-1000	U-304.8	20.0	9.1	48.2Ω/km	54.5Ω/km								
		CEC:			1000	304.8	19.0	8.6										
		CMP FT6			U-2000	U-609.6	40.0	18.2										

††82723 has 24 AWG drain wire
Pairs cabled on common axis to reduce diameter.


 <p>Z-Fold®</p>	82777	NEC:	3	See Chart 3	U-500	U-152.4	19.5	8.9	14.7Ω/M'	11.3Ω/M'	.237	6.02	46	62%	35	115	76	249
		CMP			U-1000	U-304.8	38.0	17.3	48.2Ω/km	37.1Ω/km								
		CEC:			1000	304.8	39.0	17.7										
		CMP FT6																


 <p>Z-Fold®</p>	82778	NEC:	6	See Chart 3	1000	304.8	71.0	32.2	14.7Ω/M'	11.3Ω/M'	.314	7.98	46	62%	35	115	76	249
		CMP						48.2Ω/km	37.1Ω/km									
		CEC:																
		CMP FT6																

Plenum • FEP Insulation • Red FEP Jacket

 <p>Z-Fold®</p>	88723	NEC:	2	Red & Black,	100	30.5	3.4	1.5	14.7Ω/M'	16.6Ω/M'	.148	3.76	40	69%	35	115	67	220
		CMP			500	152.4	11.0	5.0	48.2Ω/km	54.5Ω/km								
		CEC:			1000	304.8	19.0	8.6										
		CMP FT6																


††88723 has 24 AWG drain wire

 <p>Z-Fold®</p>	88777	NEC:	3	See Chart 3	100	30.5	6.0	2.7	14.7Ω/M'	11.3Ω/M'	.234	5.94	50	69%	31	102	67	220
		CMP			500	152.4	19.0	8.6	48.2Ω/km	37.1Ω/km								
		CEC:			1000	304.8	42.0	19.1										
		CMP FT6																


 <p>Z-Fold®</p>	88778	NEC:	6	See Chart 3	100	30.5	7.0	3.2	14.7Ω/M'	11.3Ω/M'	.309	7.85	50	69%	31	102	67	220
		CMP			500	152.4	38.5	17.5	48.2Ω/km	37.1Ω/km								
		CEC:			1000	304.8	75.0	34.1										
		CMP FT6																


Pairs cabled on common axis to reduce diameter.

Plenum • FEP Insulation • Red Fluorocopolymer Jacket

 <p>Z-Fold®</p>	87723	NEC:	2	Red & Black,	500	152.4	11.0	5.0	14.7Ω/M'	15.0Ω/M'	.148	3.76	40	69%	35	115	67	220
		CMP			1000	304.8	18.0	8.2	48.2Ω/km	49.2Ω/km								
		CEC:																
		CMP FT6																

††87723 has 24 AWG drain wire.

 <p>Z-Fold®</p>	87777	NEC:	3	See Chart 3	500	152.4	18.0	8.2	14.7Ω/M'	11.3Ω/M'	.234	5.94	50	69%	31	102	67	220
		CMP			1000	304.8	40.0	18.2	48.2Ω/km	37.1Ω/km								
		CEC:																
		CMP FT6																

 <p>Z-Fold®</p>	87778	NEC:	6	See Chart 3	500	152.4	37.5	17.0	14.7Ω/M'	11.3Ω/M'	.309	7.85	50	69%	31	102	67	220
		CMP			1000	304.8	73.0	33.2	48.2Ω/km	37.1Ω/km								
		CEC:																
		CMP FT6																

Pairs cabled on common axis to reduce diameter.

DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

*Capacitance between conductors.

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

Communication and Control Cable

Pro Audio and Intercom Systems
Unshielded, Plenum-Rated



**Unshielded,
Pairs or Multi-conductor**
CMP FT6 Rated

Product Description

24 AWG solid bare copper conductors,
FEP insulation, Dark Gray Flamarrest® jacket
with rip cord.

Color Code: See Charts below.

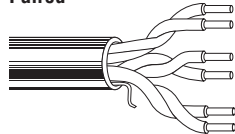
Specifications

Conductor	Bare Copper
Insulation	FEP
Insulation Thickness	.007" (.178mm)
Jacket	Flamarrest
Nominal Capacitance	15 pF/ft.
Approvals	
NEC	CMP
CEC	CMP FT6
Voltage Rating	300V

Applications

- Nurse Call Systems
- Commercial Sound Systems
- Annunciators
- Voice Systems
- Paging

Paired



Multi-conductor



Part No.	No. of Cond.	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

Plenum-rated, Unshielded, Pairs (NEC CMP and CEC CMP FT4, FT6)

24 AWG, Cat. 5e

6662UG <small>NEW</small>	6	solid	1000	304.8	23.0	10.4	—	—	.165	4.19
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Plenum-rated, Unshielded, Multi-conductor (NEC CMP and CEC CMP FT6)

24 AWG

6626UG <small>NEW</small>	8	solid	1000	304.8	28.0	12.70	.019	.483	.072	1.83
									x	x
									.310	7.87
6624UG <small>NEW</small>	6	solid	1000	304.8	21.0	9.53	.019	.483	.072	1.83
									x	x
									.246	6.25

Color Code Chart

(6662UG)

Pair No.	Color Combinations
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green

Color Code Chart

(6626UG)

Cond. No.	Color
1	Yellow
2	Blue
3	Black
4	Orange
5	Red
6	Green
7	White
8	Purple

Color Code Chart

(6624UG)

Cond. No.	Color
1	Blue
2	Black
3	Orange
4	Red
5	Green
6	White

Communication and Control Cable

Pro Audio and Intercom Systems
Shielded, Plenum-Rated



Shielded Multi-conductor

CMP FT6 Rated

Product Description

Bare copper conductors, FEP insulation, conductors cabled with a Beldfoil® shield tape (foil side out) and drain wire. Natural Flamarrest® jacket with rip cord. Sequential footage marking every two feet.

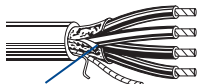
Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	FEP
Insulation Thickness	
22 AWG	.0055" (.140mm)
20 AWG	.0060" (.152mm)
18 AWG	.0060" (.152mm)
Shield	Beldfoil
Jacket	Flamarrest
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Pro Audio Systems
- Intercom/PA Systems
- Security Systems



Shorting Fold

Part No.	No. of Cond.	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

Shielded Multi-conductor (NEC CMP and CEC CMP FT6)

22 AWG										
6500FC	2	7	U-1000	U-305	11.0	5.0	.015	.38	.116	2.95
			1000	305	11.0	5.0				
6502FC	4	7	1000	305	18.0	8.2	.015	.38	.133	3.38
20 AWG										
6400FC	2	7	U-1000	U-305	15.0	6.8	.015	.38	.133	3.38
18 AWG										
6300FC	2	7	U-1000	U-305	23.0	10.4	.017	.42	.155	3.94
			1000	305	22.0	10.0				
6302FC	4	7	U-1000	U-305	34.0	15.5	.017	.42	.179	4.55
			1000	305	36.0	16.3				

Color Code Chart

Cond No.	Color
1	Black
2	Red
3	White
4	Green

Communication and Control Cable

Pro Audio and Intercom Systems
Overall Shielded, Plenum-Rated



Overall Shielded Pairs

CMP FT6 Rated

Product Description

Bare copper conductors, FEP insulation, twisted pairs cabled with a Beldfoil® shield tape (foil side out) and drain wire. Natural Flamarrest® jacket.

Color Code: Black & Red and Black & White pairs.

Specifications

Conductor	Bare Copper
Insulation	FEP
Insulation Thickness	.0060" (.152mm)
Shield	Beldfoil
Jacket	Flamarrest
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Pro Audio Systems
- Intercom/PA Systems
- Security Systems



Part No.	No. of Pairs	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

Overall Shielded Pairs (NEC CMP and CEC CMP FT6)

24 AWG										
6641FC	2	7	U-500	U-152	8.0	3.6	.015	.38	.164	4.17

Communication and Control Cable

Pro Audio and Intercom Systems
Individually Shielded, Plenum-Rated



Individually Shielded Twisted Pairs

CMP FT6 Rated

Product Description

Bare copper conductors, FEP insulation (per table). Conductors twisted into pairs and individually shielded with Beldfoil® tape (aluminum side facing in) and a drain wire, multiple pairs cabled together, Gray Fluorocopolymer (22 AWG) or Natural Flammarrest® (18 AWG) jacket, rip cord. Sequential footage marking every two feet.

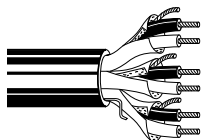
Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	FEP
Insulation Thickness	.010" (.254mm)
Shield	Beldfoil
Jacket	
22 AWG	Gray Fluorocopolymer
18 AWG	Natural Flammarrest
Nominal Capacitance	
22 AWG	27.5 pF/ft.
18 AWG	44 pF/ft.
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls
- Analog Multi-pair Snakes



Part No.	No. of Pairs	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

Individually Shielded Twisted Pairs (NEC CMP and CEC CMP FT6)

22 AWG										
6541PA	2	7	500	152	13.5	6.1	.015	.38	.214	5.44
			U-1000	U-305	26.0	11.8				
			1000	305	27.0	12.3				
6542PA	3	7	1000	305	36.0	16.3	.015	.38	.228	5.79
6543PA	4	7	1000	305	45.0	20.4	.015	.38	.252	6.40
6545PA	6	7	1000	305	60.0	27.2	.015	.38	.300	7.62
6546PA	8	7	1000	305	85.0	38.6	.017	.42	.332	8.43
6548PA	12	7	1000	305	125.0	56.8	.017	.42	.408	10.36
6549PA	16	7	1000	305	162.0	73.5	.017	.42	.457	11.61
18 AWG										
6341PC	2	7	500	152	26.5	12.0	.017	.42	.281	7.14
			U-1000	U-305	47.0	21.3				
			1000	305	49.0	22.2				
6342PC	3	7	500	152	32.0	14.5	.017	.42	.300	7.62
			1000	305	64.0	29.0				
6343PC	4	7	1000	305	83.0	37.7	.017	.42	.332	8.43
6345PC	6	7	500	152	66.5	30.2	.019	.48	.402	10.21
			1000	305	132.0	59.9				

Color Code Chart

Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	Black & Red	6	Black & Brown	11	Red & Yellow
2	Black & White	7	Black & Orange	12	Red & Brown
3	Black & Green	8	Red & White	13	Red & Orange
4	Black & Blue	9	Red & Green	14	Green & White
5	Black & Yellow	10	Red & Blue	15	Green & Blue
				16	Green & Yellow

Thermostat & Control Cable

Commercial Applications
Shielded, Plenum-Rated



Overall Shielded Twisted Pairs

CMP FT6 Rated

Product Description

Tinned copper conductors, Foam Fluorinated Ethylene Propylene (FFEP) insulation. Conductors twisted into pairs, overall Beldfoil® shield (100% coverage), tinned copper drain wire, overall Brown Flamarrest® jacket. Sequential footage marking every two feet.

Color Code: Black & White, Green & Red.

Specifications

Conductor	Bare Copper
Insulation	FFEP
Shield	Beldfoil
Jacket	Flamarrest
Approvals	
NEC	CMP
CEC	CMP FT6
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Thermostat and control cable

Stranded Conductor



Solid Conductor



Part No.	No. of Pairs	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

Overall Shielded Twisted Pairs (NEC CMP and CEC CMP FT6)

24 AWG										
6660FT	1	solid	1000	305	11.0	5.0	.015	.38	.128	3.25
6661PT	2	solid	1000	305	19.0	8.6	.015	.38	.155	3.94
22 AWG										
6540FT	1	7	1000	305	32.0	6.8	.015	.38	.162	4.12
6541PT	2	7	1000	305	28.0	12.7	.015	.38	.192	4.88
18 AWG										
6340FT	1	7	1000	305	32.0	6.8	.015	.38	.260	6.60
6341PT	2	7	1000	305	60.0	27.2	.015	.38	.280	7.11

Access Control Banana Peel® Cable

Lock Power, Card Reader, Door Contact, REX Applications
Plenum-Rated



**Composite
Shielded Multi-Conductors**
CMP FT6 Rated

Product Description

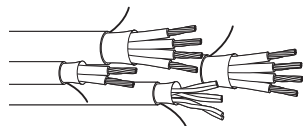
Stranded bare copper conductors, Flamarrest® insulation and jackets. No overall jacket. All cables are Beldfoil® shielded (100% coverage) with drain wire and rip cord. Cable jackets are color coded by application. Individual jacket is sequentially marked at two foot intervals.

Specifications

Conductor	Bare Copper
Insulation	Flamarrest
Shield	Beldfoil
Individual Jackets	Flamarrest
Overall Jacket	None
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Security Systems
- Power-Limited Controls
- Access Control
- Card Reader
- Lock Power
- Door Control
- REX

**Individual Cable Jacket Color Coding System**

Jacket Color	Print Legend	Cable Type
Orange	Card Reader	3/P, 18 or 22 AWG, Shielded
White	Door Contact	2/C, 18 or 22 AWG, Shielded
Blue	Rex/Spare	4/C, 18 or 22 AWG, Shielded
Gray	Lock Power	4/C, 16 or 18 AWG, Shielded

Part No.	Component Descriptions	Insulation Material & (Color Code)	Jacket Material & Component OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

Composite Shielded Multi-Conductors (NEC CMP and CEC CMP FT6)

(3) Shielded Multi-Conductors • (1) Shielded Multi-Pair										
658AFS <small>NEW</small>	(1) 3-Pair 22 AWG Stranded (7x30) Bare Copper Shielded	Flamarrest (Black & Red, White & Green, Orange & Brown)	Orange Flamarrest	.420	10.67	500	152	60	27.2	
				.218	5.54	1000	304	113	51.3	
	(1) 2-Cond. 22 AWG Stranded (7x30) Bare Copper Shielded	Flamarrest (Black, Red)	White Flamarrest	.131	3.33					
	(1) 4-Cond. 22 AWG Stranded (7x30) Bare Copper Shielded	Flamarrest (Black, Red, White, Green)	Blue Flamarrest	.150	3.81					
638AFS <small>NEW</small>	(1) 3-Pair 18 AWG Stranded (7x26) Bare Copper Shielded	Flamarrest (Black & Red, White & Green, Orange & Brown)	Orange Flamarrest	.542	13.77	1000	305	189	85.7	
				.291	7.39					
	(1) 2-Cond. 18 AWG Stranded (7x26) Bare Copper Shielded	Flamarrest (Black, Red)	White Flamarrest	.168	4.27					
	(1) 4-Cond. 18 AWG Stranded (7x26) Bare Copper Shielded	Flamarrest (Black, Red, White, Green)	Blue Flamarrest	.197	5.00					
638AFS <small>NEW</small>	(1) 4-Cond. 16 AWG Stranded (19x30) Bare Copper Shielded	Flamarrest (Black, Red, White, Green)	Gray Flamarrest	.224	5.69					

U.S. Patent 7,049,523