

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	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	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	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						
	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	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						
	8443	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)	100	30.5	4.2	1.9	.010	.25	.032	.81	.229	5.82
					U-500	U-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						

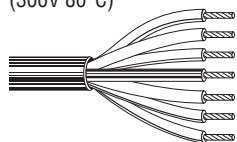
*Final put-up may vary -10% to +20%. May contain two pieces, minimum length of any one piece is 1500 ft.

Unshielded

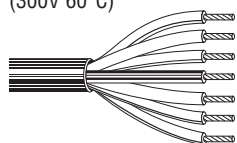
Audio, Control and Instrumentation Cables

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

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	100	30.5	5.1	2.3	.017	.43	.032	.81	.257	6.53
	CMG		Chart 1	250	76.2	12.0	5.4						
	CEC:		(Tech Info	U-500	U-152.4	23.5	10.7						
	CMG FT4		Section)	500	152.4	24.0	10.9						
				U-1000	U-304.8	46.0	20.9						
				1000	304.8	48.0	21.8						
8465	NEC:	5	See	100	30.5	6.4	2.9	.017	.43	.033	.84	.282	7.16
	CMG		Chart 1	U-500	U-152.4	29.5	13.5						
	CEC:		(Tech Info	500	152.4	30.0	13.6						
	CMG FT4		Section)	U-1000	U-304.8	58.0	26.3						
				1000	304.8	60.0	27.4						
8467	NEC:	7	See	100	30.5	8.3	3.8	.017	.43	.037	.94	.314	7.98
	CMG		Chart 1	250	76.2	20.0	9.1						
	CEC:		(Tech Info	500	152.4	40.5	18.4						
	CMG FT4		Section)	1000	304.8	79.0	35.9						
8469	NEC:	9	See	100	30.5	10.5	4.8	.017	.43	.037	.94	.364	9.25
	CMG		Chart 1	250	76.2	26.0	11.8						
	CEC:		(Tech Info	500	152.4	51.5	23.4						
	CMG FT4		Section)	1000	304.8	105.0	47.7						
8466	NEC:	12	See	100	30.5	13.2	6.0	.017	.43	.040	1.02	.412	10.46
	CMG		Chart 2R	250	76.2	32.5	14.8						
	CEC:		(Tech Info	500	152.4	66.0	30.0						
	CMG FT4		Section)	1000	304.8	131.0	59.5						
8468	NEC:	15	See	100	30.5	17.9	8.1	.017	.43	.045	1.14	.500	12.70
	CMG		Chart 2R	500	152.4	89.5	40.6						
	CEC:		(Tech Info	1000	304.8	175.0	79.5						
	CMG FT4		Section)										

For Plenum versions of 8489,
see 88489 or 82489.

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**

UL AWM Style 2093 (300V 60°C)	8770	NEC: CM	3	Black, Red, Clear	U-500 500 U-1000 1000 10000††	U-152.4 152.4 U-304.8 304.8 3048.0	20.0 20.5 38.0 40.0 430.0	9.1 9.3 17.2 18.2 195.5	.018 .46	.033	.84	.246	6.25	24	79	48	157
----------------------------------	-------------	------------	---	-------------------------	---	--	---------------------------------------	-------------------------------------	-------------	------	-----	------	------	----	----	----	-----



Shorting Fold

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**

UL AWM Style 2464 (300V 80°C)	9418	NEC: CMG CEC: CMG FT4	4	Red, Green, Black, White	100 U-500 500 U-1000 1000 10000††	30.5 U-152.4 152.4 U-304.8 304.8 3048.0	5.6 18.0 24.5 35.0 52.0 510.0	2.6 8.2 11.1 16.0 23.7 231.3	.010 .25	.035	.89	.245	6.22	70	230	120	394
----------------------------------	-------------	--------------------------------	---	-----------------------------------	--	--	--	---	-------------	------	-----	------	------	----	-----	-----	-----



Z-Fold®

For Plenum versions of 9418,
see 89418 or 82418.**Plenum • FEP Insulation • Red FEP Jacket**

(-70°C to +200°C)	88770	NEC: CMP CEC: CMP FT6	3	Black, White, Red	500 1000	152.4 304.8	16.0 32.0	7.3 14.6	.007 .18	.014	.36	.161	4.09	54	177	96	315
-------------------	--------------	--------------------------------	---	-------------------------	-------------	----------------	--------------	-------------	-------------	------	-----	------	------	----	-----	----	-----



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

(-70°C to +200°C)	89418	NEC: CMP CEC: CMP FT6	4	Black, White, Red, Green	100 500† 1000†	30.5 152.4 304.8	5.5 18.0 36.0	2.5 8.2 16.4	.007 .18	.014	.36	.177	4.50	30	98	57	187
-------------------	--------------	--------------------------------	---	-----------------------------------	----------------------	------------------------	---------------------	--------------------	-------------	------	-----	------	------	----	----	----	-----



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 CEC: CMP FT6	4	Black, White, Red, Green	U-1000▲ 1000†	U-304.8 304.8	36.0 38.0	16.4 17.2	.007 .18	.014	.36	.176	4.47	30	98	63	207
-------------------	--------------	--------------------------------	---	-----------------------------------	------------------	------------------	--------------	--------------	-------------	------	-----	------	------	----	----	----	-----

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

UL AWM Style 2107 (300V 60°C)	8618	NEC: CL3	3	Black, Red, Clear	U-500 500 1000	U-152.4 152.4 304.8	31.0 32.5 66.0	14.1 14.8 30.1	.031 .79	.031	.79	.327	8.3	26	85	50	164
----------------------------------	-------------	-------------	---	-------------------------	----------------------	---------------------------	----------------------	----------------------	-------------	------	-----	------	-----	----	----	----	-----



Z-Fold®

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

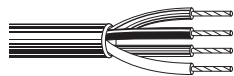
Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

22 AWG Stranded (7x30) Tinned Copper Conductors • Conductors Cabled**Plenum • FEP Insulation • Red FEP Jacket**

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

Suitable for Outdoor and Direct Burial applications.

Plenum • FEP Insulation • Natural Flamarrest® Jacket

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

22 AWG Stranded (7x30) Tinned Copper Conductors • Twisted Pairs**Plenum • FEP Insulation • Red FEP Jacket**

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

Suitable for Outdoor and Direct Burial applications.

Plenum • FEP Insulation • Natural Flamarrest Jacket

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

18 AWG Stranded (19x30) Tinned Copper Conductors • Conductors Cabled**Plenum • FEP Insulation • Red FEP Jacket**

300V RMS	88489	NEC:	4	Black,	500 [†]	152.4	14.5	6.6	.007	.18	.009	.23	.161	4.09
		CMP		White,	1000 [†]	304.8	29.0	13.2						
		CEC:		Red,										
		CMP FT6		Green										

Suitable for Outdoor and Direct Burial applications.

Plenum • FEP Insulation • Natural Flamarrest Jacket

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

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

Plenum-Rated

Overall Beldfoil® Shield

Audio, Control 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
18 AWG Stranded (19x30) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • 20 AWG Stranded TC Drain Wire																		
Plenum • FEP Insulation • Red FEP Jacket																		
	88770	NEC:	3	Black, White, Red	500 [†]	152.4	16.0	7.3	.007	.18	.014	.36	.161	4.09	54	177	96	315
		CMP			1000 [†]	304.8	32.0	14.6										
		CEC: CMP FT6																
	89418	NEC:	4	Black, White, Red, Green	100	30.5	5.5	2.5	.007	.18	.014	.36	.177	4.50	30	98	57	187
		CMP			500 [†]	152.4	18.0	8.2										
		CEC: CMP FT6			1000 [†]	304.8	36.0	16.4										

Suitable for Outdoor and Direct Burial applications.

Plenum • FEP Insulation • Natural Flamarrest® Jacket																		
	82418	NEC:	4	Black, White, Red, Green	U-1000 ^{††}	U-304.8	36.0	16.4	.007	.18	.014	.36	.176	4.47	30	98	63	207
		CMP			1000 [†]	304.8	38.0	17.3										
		CEC: CMP FT6																

Suitable for Outdoor applications.

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.

††Length may vary 0 to -10%.

Plenum-Rated

Overall Foil/Braid Shield

Audio, Control 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 AWG Stranded (7x32) TC Conductors • Conductors Cabled • Overall Beldfoil® (100% Coverage) + TC Braid Shield (85% Coverage)																		
Plenum • FEP Insulation • Red FEP Jacket																		
	300V RMS	83503	NEC: CMP CEC: CMP FT6	3	See Chart 2 (Tech Info Section)	500 [†] 1000 [†]	152.4 304.8	9.5 16.0	4.3 7.3	.006 .15	.014 .36	.135 3.43	20 66	36 118				
		83504	NEC: CMP CEC: CMP FT6	4	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	3.5 10.0 20.0	1.6 4.6 9.1	.006 .15	.014 .36	.144 3.66	20 66	36 118				
		83506	NEC: CMP CEC: CMP FT6	6	See Chart 2 (Tech Info Section)	500 [†] 1000 [†]	152.4 304.8	13.0 26.0	6.0 11.9	.006 .15	.014 .36	.165 4.19	20 66	36 118				
		83509	NEC: CMP CEC: CMP FT6	9	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	5.3 17.0 38.0	2.4 7.8 17.3	.006 .15	.014 .36	.188 4.78	20 66	36 118				
		83512	NEC: CMP CEC: CMP FT6	12	See Chart 2 (Tech Info Section)	500 [†] 1000 [†]	152.4 304.8	21.0 45.0	9.6 20.4	.006 .15	.014 .36	.207 5.26	20 66	36 118				
		83515	NEC: CMP CEC: CMP FT6	15	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	7.2 25.0 53.0	3.3 11.4 24.1	.006 .15	.014 .36	.227 5.77	20 66	36 118				

Suitable for Outdoor and Direct Burial applications.

22 AWG Stranded (7x30) TC Conductors • Conductors Cabled • Overall Beldfoil (100% Coverage) + TC Braid Shield (85% Coverage)

Plenum • FEP Insulation • Red FEP Jacket																		
	300V RMS	83552	NEC: CMP CEC: CMP FT6	2	See Chart 2 (Tech Info Section)	500 [†] 1000 [†]	152.4 304.8	8.0 16.0	3.7 7.3	.006 .15	.014 .36	.141 3.58	23 75	40 131				
		83553	NEC: CMP CEC: CMP FT6	3	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	3.5 11.5 20.0	1.6 5.2 9.1	.006 .15	.014 .36	.148 3.76	23 75	40 131				
		83554	NEC: CMP CEC: CMP FT6	4	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	4.0 12.5 25.0	1.8 5.7 11.4	.006 .15	.014 .36	.159 4.04	23 75	40 131				
		83556	NEC: CMP CEC: CMP FT6	6	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	5.2 16.5 36.0	2.4 7.5 16.3	.006 .15	.014 .36	.183 4.65	23 75	40 131				
		83559	NEC: CMP CEC: CMP FT6	9	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	6.8 23.0 50.0	3.1 10.5 22.7	.006 .15	.014 .36	.209 5.31	23 75	40 131				
		83562	NEC: CMP CEC: CMP FT6	12	See Chart 2 (Tech Info Section)	500 [†] 1000 [†]	152.4 304.8	28.5 60.0	13.0 27.2	.006 .15	.015 .38	.234 5.94	23 75	40 131				
		83569	NEC: CMP CEC: CMP FT6	19	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	9.6 44.0 85.0	4.4 20.0 38.6	.006 .15	.015 .38	.269 6.83	23 75	40 131				

Suitable for Outdoor and Direct Burial applications.

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

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

TC = Tinned Copper

Plenum-Rated

Overall Foil/Braid Shield

Audio, Control 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

20 AWG Stranded (7x28) TC Conductors • Conductors Cabled • Overall Beldfoil® (100% Coverage) + TC Braid Shield (85% Coverage)**Plenum • FEP Insulation • Red FEP Jacket**

	300V RMS	83602	NEC: CMP CEC: CMP FT6	2	See Chart 2 (Tech Info Section)	500 [†] 1000 [†]	152.4 304.8	11.0 22.0	5.0 10.0	.006 .15	.014 .36	.157 .399	26 3.99	26 85	51 167	167		
		83604	NEC: CMP CEC: CMP FT6	4	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	5.1 16.0 32.0	2.3 7.3 14.6	.006 .15	.014 .36	.178 4.52	26 4.52	26 85	51 167	167		
		83606	NEC: CMP CEC: CMP FT6	6	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	6.2 21.5 47.0	2.8 9.8 21.3	.006 .15	.014 .36	.207 5.26	26 5.26	26 85	51 167	167		
		83609	NEC: CMP CEC: CMP FT6	9	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	8.2 30.0 63.0	3.7 13.7 28.6	.006 .15	.014 .36	.238 6.05	26 6.05	26 85	51 167	167		
		83612	NEC: CMP CEC: CMP FT6	12	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	7.8 35.0 67.0	3.5 15.9 30.4	.006 .15	.014 .36	.265 6.73	26 6.73	26 85	51 167	167		

Suitable for Outdoor and Direct Burial applications.

18 AWG Stranded (19x30) TC Conductors • Conductors Cabled • Overall Beldfoil (100% Coverage) + TC Braid Shield (85% Coverage)**Plenum • FEP Insulation • Red FEP Jacket**

	300V RMS	83652	NEC: CMP CEC: CMP FT6	2	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	4.6 13.5 27.0	2.1 6.1 12.3	.007 .18	.014 .36	.175 4.45	33 4.45	33 108	60 197	197		
		83653	NEC: CMP CEC: CMP FT6	3	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	5.4 17.5 39.0	2.5 8.0 17.7	.007 .18	.014 .36	.184 4.67	33 4.67	33 108	60 197	197		
		83654	NEC: CMP CEC: CMP FT6	4	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	6.2 21.5 46.0	2.8 9.8 20.9	.007 .18	.014 .36	.199 5.05	33 5.05	33 108	60 197	197		
		83656	NEC: CMP CEC: CMP FT6	6	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	8.1 29.5 62.0	3.7 13.5 28.2	.007 .18	.014 .36	.234 5.94	33 5.94	33 108	60 197	197		
		83659	NEC: CMP CEC: CMP FT6	9	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	9.8 45.0 88.0	4.4 20.4 40.0	.007 .18	.015 .38	.293 7.44	33 7.44	33 108	60 197	197		
		83662	NEC: CMP CEC: CMP FT6	12	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	11.9 55.5 109.0	5.4 25.2 49.5	.007 .18	.015 .38	.308 7.82	33 7.82	33 108	60 197	197		

Suitable for Outdoor and Direct Burial applications.

TC = Tinned Copper

*Capacitance between conductors.

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

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

Plenum-Rated

Overall Foil/Braid Shield

Audio, Control 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		
16 AWG Stranded (19x29) TC Conductors • Conductors Cabled • Overall Beldfoil® (100% Coverage) + TC Braid Shield (85% Coverage)																				
Plenum • FEP Insulation • Red FEP Jacket																				
	83702	NEC:	2	See Chart 2 (Tech Info Section)	100	30.5	5.2	2.4	.007	.18	.014	.36	.196	4.98	35	115	63	207		
		CMP			500 [†]	152.4	18.5	8.4												
		CEC:			1000 [†]	304.8	40.0	18.2												
		CMP FT6																		
		NEC:			3	See Chart 2 (Tech Info Section)	500 [†]	152.4	23.0	10.5	.007	.18	.014	.36	.206	5.23	35	115	63	207
		CMP					1000 [†]	304.8	50.0	22.7										
		CEC:																		
		CMP FT6																		
NEC:	4	See Chart 2 (Tech Info Section)	100	30.5	8.0	3.6	.007	.18	.014	.36	.223	5.66	35	115	63	207				
CMP			500 [†]	152.4	29.0	13.2														
CEC:			1000 [†]	304.8	62.0	28.1														
CMP FT6																				
NEC:	6	See Chart 2 (Tech Info Section)	100	30.5	9.7	4.4	.007	.18	.014	.36	.265	6.73	35	115	63	207				
CMP			500 [†]	152.4	44.5	20.2														
CEC:			1000 [†]	304.8	87.0	39.5														
CMP FT6																				
NEC:	9	See Chart 2 (Tech Info Section)	100	30.5	11.5	5.2	.007	.18	.014	.36	.307	7.80	35	115	63	207				
CMP			500 [†]	152.4	61.0	27.7														
CEC:			1000 [†]	304.8	120.0	54.5														
CMP FT6																				
NEC:	12	See Chart 2 (Tech Info Section)	100	30.5	14.8	6.8	.007	.18	.014	.36	.344	8.74	35	115	63	207				
CMP			500 [†]	152.4	78.0	35.4														
CEC:			1000 [†]	304.8	153.0	69.5														
CMP FT6																				
NEC:	15	See Chart 2 (Tech Info Section)	100	30.5	18.1	8.3	.007	.18	.014	.36	.407	10.34	35	115	63	207				
CMP			500 [†]	152.4	95.0	43.1														
CEC:			1000 [†]	304.8	190.0	86.3														
CMP FT6																				
NEC:	19	See Chart 2 (Tech Info Section)	100	30.5	21.8	9.9	.007	.18	.014	.36	.403	10.24	35	115	63	207				
CMP			500 [†]	152.4	113.5	51.5														
CEC:			1000 [†]	304.8	227.0	103.0														
CMP FT6																				

Suitable for Outdoor and Direct Burial applications.

TC = Tinned Copper

* Capacitance between conductors.

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

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

Plenum-Rated Fire Alarm

Power-Limited Fire Protective, Control and Instrumentation Cables

Subject 1424 (NEC Article 760, Type FPLP)

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

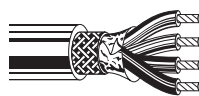
14 AWG Stranded (7x22) TC Conductors • Conductors Cabled • Overall Beldfoil® (100% Coverage) + TC Braid Shield (85% Coverage)

Plenum • FEP Insulation • Red FEP Jacket

	UL Style 2464 & 1424 (300V 200°C)	83752	NEC: FPLP, CMP CEC: CMP FT6	2	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	7.1 31.5 60.0	3.2 14.3 27.2	.016 .41 .015	.38 .267 .38	6.78 30 98	52 171
		83753	NEC: FPLP, CMP CEC: CMP FT6	3	See Chart 2 (Tech Info Section)	500 [†] 1000 [†]	152.4 304.8	42.5 82.0	19.3 37.2	.016 .41 .015	.38 .284 .38	7.21 30 98	52 171
		83754	NEC: FPLP, CMP CEC: CMP FT6	4	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	9.8 52.5 102.0	4.5 23.8 46.3	.016 .41 .015	.38 .311 .38	7.90 30 98	52 171
		83756	NEC: FPLP, CMP CEC: CMP FT6	6	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	14.1 74.5 150.0	6.4 34.0 68.1	.016 .41 .017	.43 .376 .43	9.55 30 98	52 171

12 AWG Stranded (7x20) TC Conductors • Conductors Cabled • Overall Beldfoil (100% Coverage) + TC Braid Shield (85% Coverage)

Plenum • FEP Insulation • Red FEP Jacket

	UL Style 2464 & 1424 (300V 200°C)	83802	NEC: FPLP, CMP CEC: CMP FT6	2	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	7.5 41.0 80.0	3.4 18.6 36.3	.016 .41 .015	.38 .303 .38	7.70 32 105	55 180
		83803	NEC: FPLP, CMP CEC: CMP FT6	3	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	10.6 56.5 111.0	4.8 25.7 50.4	.016 .41 .015	.38 .323 .38	8.20 32 105	55 180
		83804	NEC: FPLP, CMP CEC: CMP FT6	4	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	13.8 73.0 147.0	6.3 33.1 66.7	.016 .41 .017	.43 .359 .43	9.12 32 105	55 180
		83806	NEC: FPLP, CMP CEC: CMP FT6	6	See Chart 2 (Tech Info Section)	100 500 [†] 1000 [†]	30.5 152.4 304.8	19.7 213.0 96.7	9.0 96.7	.016 .41 .017	.43 .430 .43	10.92 32 105	55 180

TC = Tinned Copper

All cables on this page pass the IEEE 383-2003 Flame Test and are listed by the California State Fire Marshall. Component Recognized UL2464, 300V 80°C.

*Capacitance between conductors.

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

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