



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

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

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.