



18 AWG 300V CSA FAS105 FT4

Unshielded	Part No.	Conductor Count	Insulation Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
			7201802BFT4FLAT	2	0.015	0.38	0.376 x 0.188	9.4 x 4.7	23	35	26	12
7201802BFT4	2	0.015	0.38	0.214	5.4	23	35	26	12	2.4	61	
7201803BFT4	3	0.015	0.38	0.218	5.5	30	45	39	18	2.5	64	
7201804BFT4	4	0.015	0.38	0.240	6.0	38	57	52	24	2.8	70	
7201805BFT4	5	0.015	0.38	0.259	6.5	47	69	65	29	3.0	76	
7201806BFT4	6	0.015	0.38	0.280	7.0	54	80	78	35	3.1	79	
7201807BFT4	7	0.015	0.38	0.289	7.3	62	93	91	41	3.3	84	
7201808BFT4	8	0.015	0.38	0.307	7.7	71	105	104	47	3.6	90	
7201809BFT4	9	0.015	0.38	0.330	8.3	78	116	117	53	3.7	94	
7201810BFT4	10	0.015	0.38	0.340	8.5	86	127	130	59	3.8	98	
7201811BFT4	11	0.015	0.38	0.348	8.7	93	138	143	65	4.0	101	
7201815BFT4	15	0.015	0.38	0.415	10.4	129	193	195	88	4.8	122	
7201820BFT4	20	0.015	0.38	0.455	11.4	167	249	260	118	5.4	138	
7201830BFT4	30	0.015	0.38	0.544	13.7	241	359	390	177	6.4	162	
7201850BFT4	50	0.015	0.38	0.687	17.2	397	590	650	295	8.1	206	

Shielded	Part No.	Conductor Count	Insulation Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
			7241802BFT4	2	0.015	0.38	0.214	5.4	27	40	26	12
7241803BFT4	3	0.015	0.38	0.218	5.5	34	51	39	18	2.6	66	
7241804BFT4	4	0.015	0.38	0.244	6.1	42	63	52	24	2.8	71	
7241805BFT4	5	0.015	0.38	0.259	6.5	51	76	65	29	3.0	77	
7241806BFT4	6	0.015	0.38	0.290	7.3	59	88	78	35	3.2	81	
7241808BFT4	8	0.015	0.38	0.310	7.8	75	111	104	47	3.6	91	

Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 208, Fire alarm and signal cable (Type FAS105)
- CSA C22.2 No. 2556 FT4, UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- -40°C Cold Bend and -40°C Cold Impact

Conductor Solid Soft Copper, ASTM B3
Insulation Polyvinyl Chloride (PVC) 105°C, 300V
Shielding Overall Shield with Tinned Copper Drain Wire
Jacket Flame Retardant Polyvinyl Chloride (PVC), Red

Applications

- For use in Class 2 circuits, fire alarm, signal, voice communication, instrumentation and control circuits indoors.
- Refer to Section 32 of the Canadian Electrical Code for conductor size restrictions and limits of use of non-armoured constructions.
- For dry or damp locations, in raceways and air handling plenums in accordance with section 2-130.
- For use in ventilated, non-ventilated, ladder-type cable trays, exposed and concealed wiring in accordance with Section 32-102.

