

CONSTRUCTION CHARACTERISTICS TABLE - FIREX® TECK90 3C 5 kV

Part Number	# of Cond.	Conductor Size		Insulation Thickness		Inner Jacket Thickness		Approximate Diameters						Approx. Net Cable Weight		Approx. Copper Content
								Inner Jacket		Armour		Outer Jacket				
		Power AWG or kcmil	Bonding AWG	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	lb/kft	kg/km	
12001573	3	6	8	0.090	2.29	0.080	2.03	1.05	26.7	1.33	33.7	1.44	36.5	872	1298	446
12000216	3	4	8	0.090	2.29	0.080	2.03	1.15	29.1	1.42	36.1	1.53	38.9	1155	1720	665
12000273	3	2	6	0.090	2.29	0.080	2.03	1.27	32.2	1.54	39.1	1.67	42.4	1503	2237	1057
12000293	3	1	6	0.090	2.29	0.080	2.03	1.34	33.9	1.61	40.9	1.74	44.2	1732	2578	1304
12000258	3	1/0	6	0.090	2.29	0.080	2.03	1.37	34.7	1.64	41.7	1.76	44.6	1954	2908	1701
12000274	3	2/0	6	0.090	2.29	0.080	2.03	1.50	38.1	1.78	45.1	1.90	48.4	2339	3481	1997
12000275	3	4/0	4	0.090	2.29	0.080	2.03	1.72	43.8	2.07	52.7	2.21	56.1	3544	5274	3173
12000276	3	250	4	0.090	2.29	0.110	2.79	1.88	47.8	2.23	56.7	2.37	60.1	4032	6001	3716
12000277	3	350	3	0.090	2.29	0.110	2.79	2.09	53.2	2.44	62.1	2.58	65.5	5242	7800	5171
12000278	3	500	3	0.090	2.29	0.110	2.79	2.36	59.8	2.71	68.7	2.84	72.1	7053	10495	7278

Notes:

- Dimensions and weights shown are nominal values, subject to standard manufacturing tolerances.
- Ampacity in accordance with the Canadian Electrical Code, Part 1.
- Steel armor is not permitted in single conductor cables.
- Ampacity assuming 4th conductor is a neutral of a 3 phase, 4 wire system in accordance with the CE Code, Part 1.

CONSTRUCTION CHARACTERISTICS TABLE - FIREX[®] TECK90 3C 5 kV