



PROTEA CABLES

## CABLE DATA SCHEDULE

SIZES		DIAMETERS	WEIGHT	CURRENT RATINGS				BARE COPPER WEIGHT	GLANDS
Core Area (mm <sup>2</sup> )	Number of Cores	Calculated Overall Cable Diameter (mm) (Approximate)	Per Metre Mass (Kg) (Approximate)	Current Ratings for Armoured PVC Cables Rating for Solitary Cable (Amps..AC) Copper and Aluminium Conductors				Circular Copper Conductors Single Wires Nominal Mass (Kg) per metre (Approximate)	Gland Size
				In Ground		In Air 30°C			
				Twin CU/AL	Multicore CU/AL	Twin CU/AL	Multicore CU/AL		
1,5	2	12,9	0.27	27	23	21	19	0.0139	Oorl
	3	13,4	0.45						Oorl
	4	14,2	0.50	Oorl					
	7	17,7	0.62	Oorl					
2,5	2	14,3	0.31	36	31	30	25	0.0233	Oorl
	3	15,8	0.52						Oorl
	4	16,8	0.59						Oorl
	7	20,0	0.76						1
4	2	16,2	0.38	48	40	39	33	0.0368	Oorl
	3	17,0	0.67						Oorl
	4	18,3	0.76						1
	7	21,5	0.99						2
6	2	17,4	0.46	59	51	50	43	0.0552	1
	3	18,4	0.79						1
	4	19,7	0.91						1
10	2	19,4	0.83	79	68	69	58	0.0920	1
	3	20,4	0.99						1
	4	22,6	1.2						2
16	2	22,2	1.1	105	88	90	77	0.1472	2
	3	24,4	1.3						2
	4	26,1	1.8						3
25	3	25,4	1.8	135/105	115/87	120/90	100/78	0.230	2
	4	27,7	2.2						3
35	3	27,3	2.2	165/125	140/105	150/110	125/93	0.322	3
	4	31,2	2.7						3 or 4
50	3	31,9	2.9	195/150	165/125	175/130	155/110	0.465	3
	4	36,3	3.9						3 or 4
70	3	35,0	3.6	245/180	200/155	220/165	190/145	0.644	4
	4	39,0	4.8						4 or 5
95	3	39,5	4.9	290/210	245/185	270/195	230/175	0.877	4
	4	43,9	6.1						5
120	3	42,2	5.7	330	280/210	310	270/205	1.109	5
	4	48,6	7.3						5
150	3	45,5	6.9	370	310/240	355	310/235	1.386	5
	4	52,6	9.3						5 or 6
185	3	51,0	8.7	420	350/270	410	355/270	1.710	5 or 6
	4	57,1	11.0						6
240	3	57,5	10.8	485	410/315	485	420/320	2.218	6
	4	63,5	13.7						7
300	3	65,3	13.0	540	460/355	550	475/365	2.773	6
	4	72,5	16.5						7 or 8