

PVC F4CA... Primary group code
 FR PVC (red stripe) ...001 Finish code
 LH PVC (blue stripe) ...002

Aluminium 3 Core
 600/1000 V
 SANS 1507

Size code	...naaa...	3025	3035	3050	3070	3095	3120	3150	3185	3240	3300
Conductor size	mm ² nom	25	35	50	70	95	120	150	185	240	300
Conductor depth	mm app.	5.0	6.0	7.0	8.5	10.0	11.0	12.5	14.0	16.0	18.0
Insulation depth	mm app.	7.5	8.5	10.0	11.5	13.0	14.5	16.0	18.0	20.5	22.5
Cable diameter	mm app.	20.0	22.0	25.5	28.5	32.5	35.5	39.0	43.0	48.5	53.5
Cable mass	kg/m app.	0.5	0.6	0.8	1.1	1.4	1.7	2.1	2.6	3.3	4.0
Gross mass (300 m)	kg app.	241	267	337	422	644	794	936	1087	1522	1866
Bending radius	mm min.	160	176	204	228	260	284	312	344	388	428
Current rating											
In ground	Amps	87	105	125	155	185	210	240	270	315	355
In ducts	Amps	73	87	105	130	155	180	200	230	270	305
In air	Amps	80	98	120	150	190	220	250	290	345	395
Resistance											
dc @ 20°C	Ω/km max	1.200	0.868	0.641	0.443	0.320	0.253	0.206	1.640	0.125	0.100
ac @ 70°C	Ω/km max	1.442	1.043	0.771	0.533	0.385	0.305	0.249	0.199	0.152	0.123
Reactance											
Impedance	Ω/km	0.074	0.074	0.074	0.068	0.067	0.065	0.066	0.066	0.065	0.065
Short circuit ratings											
Symmetrical	kA (Isec)	2.1	2.8	3.9	5.6	7.7	9.7	12.0	15.0	19.7	24.7
(Three Phase) Volt Drop	mV/A/m	2.50	1.81	1.34	0.93	0.68	0.54	0.45	0.37	0.29	0.24

Last updated May 2006

When ordering please quote: primary + size + finish code
 e.g. F4CA 3025 001



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