

XLPE F2CA... Primary group code
 FRPVC (red stripe) ...001 Finish code
 LHPVC (blue stripe) ...002

Aluminium 4 Core
 600/1000V
 SANS 1507

Size code	...naaa ...	4025	4035	4050	4070	4095	4120	4150	4185	4240	4300
Conductor size	mm ² nom	25	35	50	70	95	120	150	185	240	300
Conductor diameter	mm app.	6.0	7.0	8.0	9.5	11.0	12.5	14.0	16.0	18.0	20.0
Insulation diameter	mm app.	7.5	9.0	10.0	12.0	13.5	15.0	17.0	19.0	21.5	24.0
Cable diameter	mm app.	21.5	24	27	31.5	35.5	39	43.5	49	55	61
Cable mass	kg/m app.	0.55	0.65	0.88	1.18	15.26	1.88	2.28	2.85	3.65	4.50
Gross mass (500 m)	kg app.	358	400	521	684	7842	1211	1448	1746	2366	2904
Bending radius	mm min.	86	192	216	252	284	312	348	392	440	488
Current rating											
In ducts	Amps	88	105	125	155	185	215	240	275	320	360
In air	Amps	100	125	150	190	235	270	310	360	425	490
Resistance											
dc @ 20°C	Ω/km max	1.20	0.87	0.64	0.44	0.32	0.25	0.21	0.16	0.13	0.10
ac @ 90°C	Ω/km max	1.54	1.11	0.82	0.57	0.41	0.33	0.27	0.21	0.16	0.13
Reactance	Ω/km	0.075	0.073	0.073	0.069	0.066	0.066	0.067	0.067	0.066	0.066
Impedance	Ω/km	1.541	1.116	0.825	0.573	0.416	0.332	0.274	0.222	0.176	0.147
Short circuit ratings											
Symmetrical (Three Phase)Volt Drop	kA (1sec)	2.2	3.0	4.1	5.9	8.2	10.3	12.7	16.0	20.9	26.2
	mV/A/M	2.669	1.933	1.429	0.992	0.721	0.575	0.475	0.385	0.305	0.255

Last updated May 2006

When ordering please quote: primary + size + finish code
 e.g. F2CA 4025 001



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