

XLPE	F2CC...	Primary group code	Copper 3 Core
FRPVC (red stripe)	...001	Finish code	600/1000V
LHPVC (blue stripe)	...002		SANS 1507

Size code	...naaa...	3915	3925	3004	3006	3010	3016
Conductor size	mm ² nom	1.5	2.5	4	6	10	16
Conductor diameter	mm app.	1.6	2.0	2.5	3.0	4.0	5.0
Insulation diameter	mm app.	3.0	3.5	4.0	4.5	5.5	6.5
Cable diameter	mm app.	10.0	11.0	12.0	13.5	15.5	17.5
Cable mass	kg/m app.	0.18	0.22	0.29	0.37	0.53	0.74
Gross mass (500 m)	kg app.	105	130	165	190	285	360
Bending radius	mm min.	80	88	96	108	124	140
Current rating							
In ground	Amps	30	39	51	64	86	110
In air	Amps	25	33	45	57	79	105
Resistance							
dc @ 20°C	Ω/km max	12.10	7.41	4.61	3.08	1.83	1.15
ac @ 90°C	Ω/km max	15.43	9.45	5.88	3.93	2.33	1.47
Reactance							
Impedance	Ω/km	0.106	0.099	0.093	0.089	0.084	0.081
Short circuit ratings							
Symmetrical	kA (1sec)	0.2	0.3	0.5	0.8	1.4	2.2
Earth fault	kA (1sec)	1.2	1.3	1.5	1.6	1.9	2.1
(Three Phase) Volt Drop	mV/A/m	26.72	16.37	10.18	6.80	4.05	2.54

Last updated May 2006

When ordering please quote: primary + size + finish code
 e.g. F2CC 3925 001



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