

XLPE	F2CC...	Primary group code	Copper 7 Core
FRPVC SWA FRPVC (red stripe)	...111	Finish code	600/1000V
LHPVC SWA LHPVC (blue stripe)	...212		SANS 1507

Size code	...naaa ...	7910	7915	7925	7004	7006	7010	7016
Conductor size	mm ² nom	1	1.5	2.5	4	6	10	16
Conductor diameter	mm app.	1.3	1.6	2.0	2.5	3.0	4.0	5.0
Insulation diameter	mm app.	2.7	3.0	3.5	4.0	4.5	5.5	6.5
Bedding diameter	mm app.	10.0	11.0	12.0	13.5	15.0	18.5	21.5
Armour diameter	mm app.	12.5	13.5	14.5	16.0	17.5	21.5	24.5
Cable diameter	mm app.	15.5	16.5	17.5	19	21	25	28
Cable mass	kg/m app.	0.47	0.53	0.64	0.80	0.99	1.54	2.03
Gross mass (500 m)	kg app.	263	294	348	442	535	826	1074
Bending radius	mm min.	155	165	175	190	210	250	280
Resistance								
dc @ 20°C	Ω/km max	18.10	12.10	7.41	4.61	3.08	1.83	1.15
ac @ 90°C	Ω/km max	21.66	14.48	8.87	5.52	3.69	2.19	1.38
Reactance								
Impedance	Ω/km	0.112	0.106	0.099	0.093	0.089	0.084	0.081
Short circuit ratings								
Symmetrical	kA (1sec)	0.14	0.21	0.33	0.54	0.80	1.35	2.15
Earth fault	kA (1sec)	1.15	1.24	1.37	1.56	1.74	2.70	3.08
(Three Phase) Volt Drop								
	mV/A/m	37.5	25.1	15.3	9.6	6.4	3.8	2.4

Last updated May 2006

When ordering please quote: primary + size + finish code
 e.g. F2CC 7925 111



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