

XLPE	F2CC...	Primary group code
FRPVC (red stripe)	...001	Finish code
LHPVC (blue stripe)	...002	

Copper 7 Core
600/1000V
SANS 1507

Size code	...naaa...	7915	7925	7004	7006	7010	7016
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.	12.5	14.5	16.0	17.5	20.0	23.0
Cable mass	kg/m app.	0.28	0.39	0.51	0.66	0.96	1.37
Gross mass (500 m)	kg app.	155	185	265	340	485	685
Bending radius	mm min.	100	116	128	140	160	184
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							
	Ω/km	0.106	0.099	0.093	0.089	0.084	0.081
Impedance							
	Ω/km	14.478	8.867	5.517	3.687	2.192	1.378
Short circuit ratings							
Symmetrical	kA (1sec)	0.2	0.3	0.5	0.8	1.4	2.2
(Single Phase) Volt Drop	mV/A/m	30.86	18.90	11.76	7.86	4.67	2.94

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F2CC 7925 001



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

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