

XLPE
 FRPVC SWA FRPVC (red stripe)
 LHPVC SWA LHPVC (blue stripe)

F2CC... Primary group code
 ...111 Finish code
 ...212

Copper 12 Core
 600/1000V
 SANS 1507

Size code	...naaa...	A910	A915	A925	A004
Conductor size	mm ² nom	1.0	1.5	2.5	4
Conductor diameter	mm app.	1.3	1.6	2.0	2.5
Insulation diameter	mm app.	2.7	3.0	3.5	4.0
Bedding diameter	mm app.	13.0	14.0	16.0	19.0
Armour diameter	mm app.	15.5	17.0	18.5	22.0
Cable diameter	mm app.	19.0	20.0	22.0	26.0
Cable mass	kg/m app.	0.66	0.75	0.92	1.38
Gross mass (500 m)	kg app.	368	431	460	750
Bending radius	mm min.	190	200	220	260
Resistance					
dc @ 20°C	Ω/km max	18.10	12.10	7.41	4.61
ac @ 70°C	Ω/km max	21.66	14.48	8.87	5.52
Reactance					
	Ω/km	0.112	0.106	0.099	0.093
Impedance					
	Ω/km	21.657	14.478	8.867	5.517
Short circuit ratings					
Symmetrical	kA (1sec)	0.14	0.21	0.33	0.54
Earth fault	kA (1sec)	1.51	1.60	1.79	2.78
(Single Phase) Volt Drop	mV/A/m	43.31	28.96	17.73	11.03

Last updated May 2006

When ordering please quote: primary + size + finish code
 e.g. F2CC A925 111



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

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