

Copper 19 Core  
600/1000V  
SANS 1507

XLPE F2CC... Primary group code  
FRPVC SWA FRPVC (red stripe) ...111 Finish code  
LHPVC SWA LHPVC (blue stripe) ...212

Size code	...naaa...	B910	B915	B925	B004
Conductor size	mm <sup>2</sup> 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.	15.5	16.5	19.5	22.0
Armour diameter	mm app.	18.0	17.0	23.0	25.5
Cable diameter	mm app.	21.0	22.5	26.5	29.0
Cable mass	kg/m app.	0.82	0.96	1.42	1.82
Gross mass ( 500 m )	kg app.	450	536	713	969
Bending radius	mm min.	210	225	265	290
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)	1.74	1.88	2.85	3.23
(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 B925 111



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