

Only for use in applications protected from solar radiation.

XLPE  
 ZEROTOX SWA ZEROTOX (white stripe)

F6CC... Primary group code  
 ...313 Finish code

Copper 7 Core  
 600/1000V  
 SANS 1507

Size code	...naaa...	7910	7915	7925	7004	7006	7010	7016
Conductor size	mm <sup>2</sup> nom	1.0	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	Ω/km	0.112	0.106	0.099	0.093	0.089	0.084	0.081
Impedance	Ω/km	21.657	14.478	8.860	5.517	3.686	2.191	1.379
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. F6CC 7925 313



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