

Only for use in applications protected from solar radiation.

XLPE F6CC... Primary group code
 ZEROTOX SWA ZEROTOX (white stripe) ...313 Finish code

Copper 4 Core
 600/1000V
 SANS 1507

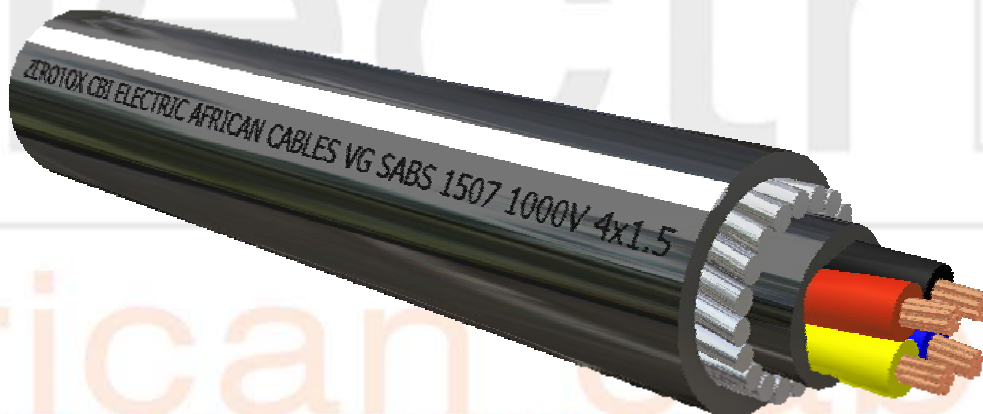
Size code	...naaa...	4915	4925	4004	4006	4010	4016
Conductor size	mm ² nom	1.5	2.5	4	6	10	16
Conductor diameter	mm app.	1.6	2.0	2.5	3.1	3.9	4.8
Insulation diameter	mm app.	3.0	3.5	3.9	4.5	5.3	6.2
Bedding diameter	mm app.	9.0	10.0	11.0	12.5	14.5	16.5
Armour diameter	mm app.	11.5	12.5	13.5	15.0	17.0	19.0
Cable diameter	mm app.	14.5	15.5	16.5	18.0	20.0	22.5
Cable mass	kg/m app.	0.45	0.53	0.63	0.75	1.00	1.30
Gross mass (500 m)	kg app.	252	292	355	415	557	710
Bending radius	mm min.	218	233	248	270	300	338
Current rating							
In ground	Amps	25	33	43	55	74	94
In duct	Amps	20	27	36	44	60	76
In air	Amps	21	27	37	48	66	88
Resistance							
dc @ 20°C	Ω/km max	12.10	7.41	4.61	3.08	1.83	1.15
ac @ 70°C	Ω/km max	14.48	8.87	5.52	3.69	2.19	1.38
Reactance							
Impedance	Ω/km	0.101	0.097	0.090	0.086	0.081	0.077
Short circuit ratings							
Symmetrical	kA (1sec)	0.2	0.3	0.5	0.8	1.4	2.3
Earth fault	kA (1sec)	1.4*	1.6*	1.7*	1.9*	2.3*	2.6*
(Three Phase) Volt Drop	mV/A/M	25.08	15.36	9.56	6.38	3.80	2.39

Last updated May 2006

When ordering please quote: primary + size + finish code

e.g. F6CC 4915 313

*Earth fault rating limited by symmetrical fault rating



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

A member of the REUNERT Group

CBI Electric African Cables

PO Box 172, Vereeniging 1930 • Tel: +27 16 430 6000 • Fax: +27 16 423 6103

www.cbi-electric.com • afcab@cbi-electric.com

