

PVC
FRPVC SWA/ECC FRPVC (red stripe)
LHPVC SWA/ECC LHPVC (blue stripe)

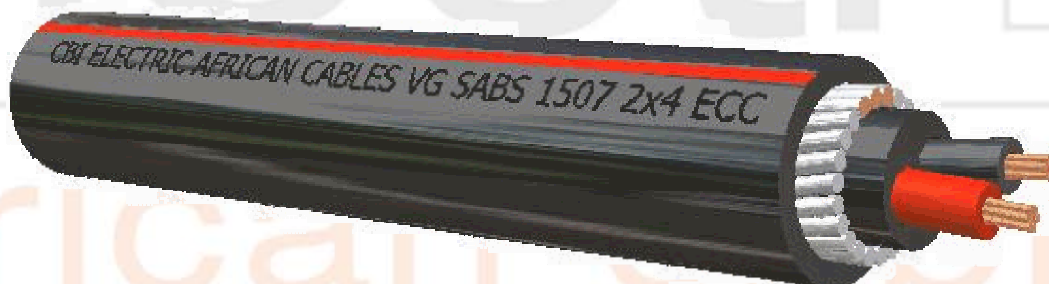
F4CC... Primary group code
...121 Finish code
...222

Copper 2 Core
600/1000V
SANS 1507

Size code	...naaa...	2915	2925	2004	2006	2010	2016
Conductor size	mm ² nom	1.5	2.5	4	6	10	16
Conductor diameter	mm app.	1.7	2.2	2.5	3.0	4.0	5.0
Insulation diameter	mm app.	3.5	4.0	5.0	5.5	6.0	7.0
Bedding diameter	mm app.	8.5	9.0	11.0	12.0	13.5	15.5
Armour diameter	mm app.	11.0	12.0	13.5	14.5	16.0	18.0
Cable diameter	mm app.	14.0	15.0	16.5	17.5	19.5	21.5
Cable mass	kg/km app.	0.40	0.45	0.57	0.70	0.83	1.03
Gross mass (500 m)	kg app.	256	293	375	433	557	698
Bending radius	mm min.	140	150	160	180	190	210
Current rating							
In ground	Amps	23	31	40	51	68	88
In air	Amps	20	26	36	45	62	82
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							
Capacitance	μF/km	0.334	0.319	0.386	0.450	0.542	0.649
Impedance	Ω/km	14.478	8.867	5.517	3.687	2.192	1.379
Zero Sequence							
Resistance	Ω/km	20.814	15.665	11.012	8.488	6.376	4.225
Reactance	Ω/km	0.175	0.160	0.152	0.141	0.129	0.119
Short circuit ratings							
Symmetrical	kA (1sec)	0.193	0.310	0.507	0.757	1.274	2.027
Earth fault	kA (1sec)	1.722	1.855	2.249	2.509	2.903	3.745
(Single Phase) Volt Drop	mV/A/m	28.96	17.73	11.03	7.37	4.38	2.76

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F4CC 2925 121



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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

