

XLPE
SANS PE

F7CCC...
...SI

Primary group code
Finish code

Copper I Core
600/1000V
CONCENTRIC SERVICE CONNECTION
SANS 1507-6

Size code	...aaa...	004	010	016	025
Conductor size	mm ² nom	4	10	16	25
Conductor diameter	mm app.	2.5	4	5.0	6.1
Insulation diameter	mm app.	4.5	6.0	7.0	8.0
Cable diameter	mm app.	9.0	11.0	12.5	15.0
Cable mass	kg/m app.	0.10	0.20	0.31	0.46
Gross mass (500 m)	kg app.	80	132	185	260
Bending radius	mm min.	180	220	250	300
Current rating					
In air	Amps	30	80	100	TF
In ground	Amps	60	130	160	TF
Resistance					
dc @ 20°C	Ω/km max	4.61	1.83	1.15	0.73
ac @ 90°C	Ω/km max	5.88	2.33	1.47	0.93
Reactance	Ω/km	0.103	0.091	0.087	0.083
Impedance	Ω/km	5.879	2.335	1.469	0.931
Short circuit ratings					
Symmetrical	kA (1sec)	0.5	1.4	2.2	3.4
(Single Phase) Volt Drop	mV/A/m	11.76	4.67	2.94	1.86

Last updated May 2006

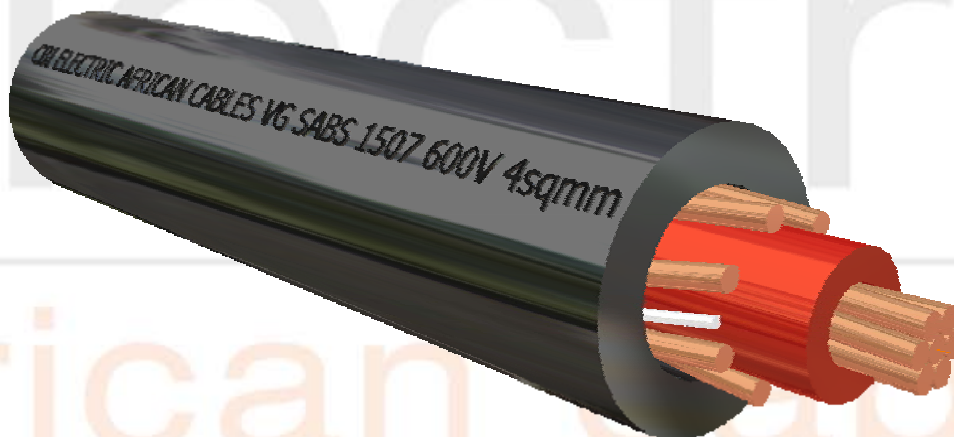
When ordering please quote: primary + size + finish code

e.g. F7CCC 010 **SI**

S1 SANS with no Communication cores

S2 SANS with 2 Communication cores

S4 SANS with 2x1mm² Flexible Communication cores



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

