

SPLIT CONCENTRIC SERVICE CONNECTION

XLPE F7CCS... Primary group code
2 Communication Cores, PE ...N2 Finish code

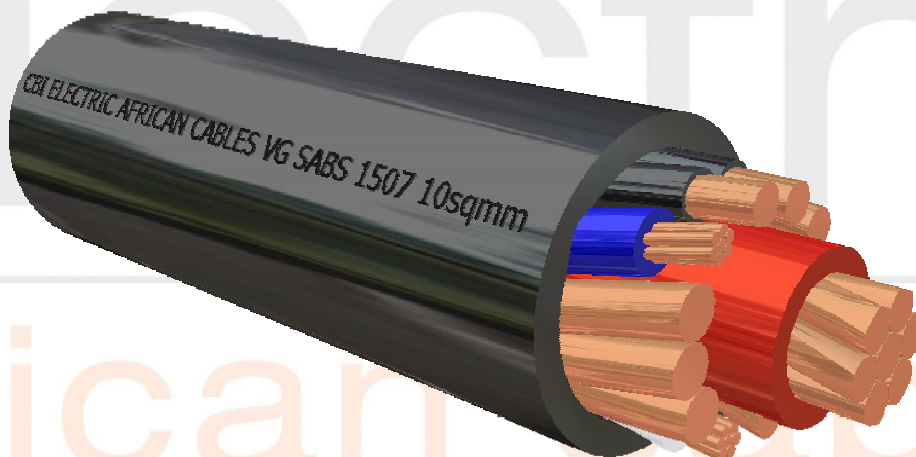
Copper I Core
600/1000V
SANS 1507-6

Size code	...aaa...	004	010	016
Conductor size	mm ² nom	4	10	16
Conductor diameter	mm app.	2.5	4	5.0
Insulation diameter	mm app.	4.5	6.0	7.0
Cable diameter	mm app.	10	12.5	14.5
Cable mass	kg/m app.	0.16	0.31	0.47
Gross mass (500 m)	kg app.	96	187	266
Bending radius	mm min.	200	250	290
Current rating				
In air	Amps	30	50	70
In ground	Amps	60	100	130
Resistance				
dc @ 20°C	Ω/km max	4.75	1.90	1.20
ac @ 90°C	Ω/km max	5.88	2.33	1.47
Reactance	Ω/km	0.117	0.085	0.079
Impedance	Ω/km	5.879	2.336	1.47
Short circuit ratings				
Symmetrical	kA (1sec)	0.5	1.3	2.2
Earth fault	kA (1sec)	0.3	0.8	1.2
(Single Phase) Volt Drop	mV/A/m	11.76	4.67	2.94

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F7CCS 010 **S2**

- S1 SANS with 0 Communication cores
- S2 SANS with 2 Solid Communication cores
- S4 SANS with 2 Flexible Communication cores



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

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