

XLPE F7FA..... Primary group code  
Steel Catenary ...SGA Finish code

Aluminium 3 Core + Catenary  
6350/11000kV  
Type A  
SANS 1713

Size code	...naaa...	3095
Conductor size	mm <sup>2</sup> nom	95
Conductor diameter	mm app.	12.0
Insulation diameter	mm app.	20.1
Core dia. (PVC sheath)	mm app.	31.5
Assembled dia	mm app.	74.5
Cable mass	kg/m app.	3.8
Gross mass ( 500 m )	kg app.	2472
Bending radius	mm min.	1115
Current rating	Amps	283
Resistance		
dc @ 20°C	Ω/km max	0.320
ac @ 90°C	Ω/km max	0.411
Reactance	Ω/km	0.125.
Impedance 90°C	Ω/km	0.429
Short circuit ratings		
Symmetrical	kA (1sec)	8.0
Earth fault	kA (1sec)	10.0
Finish code		SGB
Steel Carrier size		50
Design Load (UTS/2.5)	kN max	24.6
Conductor diameter	mm app.	9.0
Core dia (PVC sheath)	mm app.	11.5

**Last updated 2006**

When ordering please quote: primary + size + finish code

e.g. F7FA 3095 SGA



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

