

LV ABC

XLPE

ESKOM BARE SUPPORT

F7CA... Primary group code

...EB0 Finish code

Aluminium 2 core + Bare Support

600/1000V

ABC

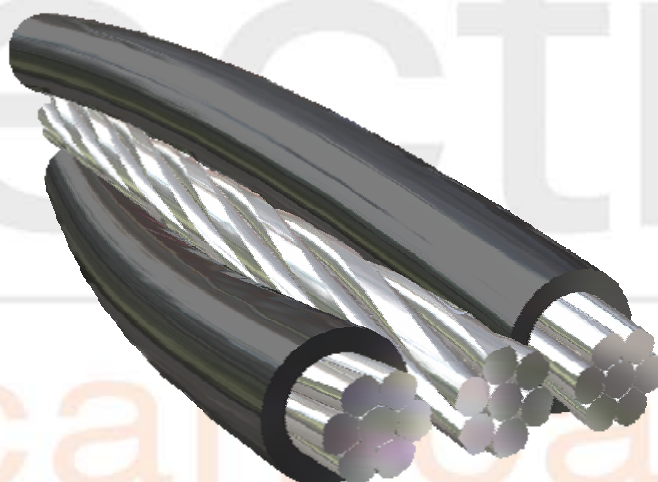
ESKOM (SCSSCAAD5)

Size code	...naaa...	2035	2050	2070
Conductor size	mm ² nom	35	50	70
Conductor diameter	mm app.	7.0	8.2	9.8
Core diameter	mm app.	10.3	11.5	13.6
Assembled diameter	mm app.	28.0	31.0	35.0
Support Core size	mm ² nom	35	50	50
Cable mass	kg/m app.	0.36	0.48	0.62
Gross mass 1000 m	kg app.	443	568	709
Design Load (UTS/2.5)	kN max	4.1	5.7	5.7
Current rating				
In air	Amps	138	168	213
Resistance				
dc @ 20°C	Ω/km max	0.868	0.641	0.443
ac @ 90°C	Ω/km max	1.113	0.822	0.568
Reactance				
	Ω/km	0.090	0.084	0.083
Impedance				
	Ω/km	1.117	0.826	0.574
Short Circuit rating				
(Single Phase) Volt Drop	kA (1sec)	3.0	4.1	5.9
	mV/A/m	0.18	0.17	0.17

Last updated May 2006

When ordering please quote: primary + size + finish code

e.g. F7CA 2035 EB0



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

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