

Low Voltage ABC Cables

LV ABC
 XLPE F7CA... Primary group code
 ESKOM BARE SUPPORT ...EB0 Finish code

Aluminium 1 core + Bare Support
 600/1000V
 ABC
 ESKOM (SCSSCAAD5)

Size code	...naaa...	1035	1050	1070
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.	17.5	20.0	22.0
Support Core size	mm ² nom	35	50	50
Cable mass	kg/m app.	0.23	0.31	0.38
Gross mass 1000 m	kg app.	279	398	469
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				
Impedance	Ω/km	0.090	0.084	0.083
Short Circuit rating				
(Single Phase) Volt Drop	kA (1sec) mV/A/m	3.0 0.18	4.1 0.17	5.9 0.17

Last updated May 2006

When ordering please quote: primary + size + finish code
 e.g. F7CA 1035 EB0



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

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