

1kV LV ABC Core Bare Технические характеристики



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Астана +7(7172)727-132
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Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
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Ижевск (3412)26-03-58
Казань (843)206-01-48

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Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
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Курск (4712)77-13-04
Липецк (4742)52-20-81
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Москва (495)268-04-70
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Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
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Пермь (342)205-81-47
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Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Low Voltage ABC Cables

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

Aluminium I 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

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



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

A member of the REUNERT Group



Low Voltage ABC Cables

LV ABC

XLPE

ESKOM BARE SUPPORT

F7CA... Primary group code

...EB0 Finish code

Aluminium 2 core + Bare Support

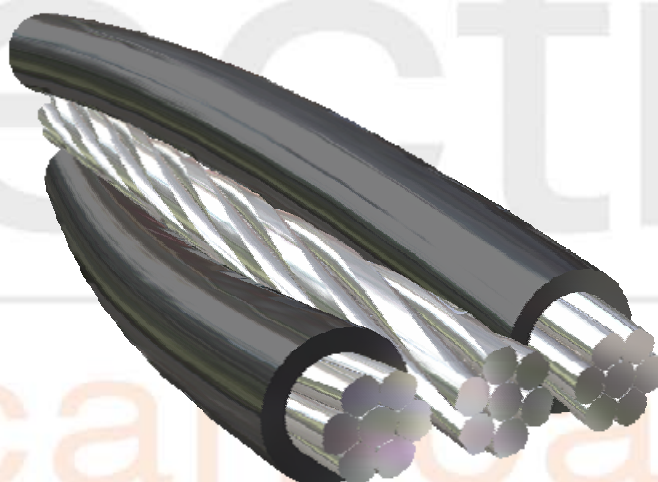
600/1000V

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

When ordering please quote: primary + size + finish code
e.g. F7CA 2035 EB0



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LV ABC
XLPE
SELF SUPPORT +
1 x 25mm² auxiliary

F7CA... Primary group code
...SAI Finish code

Aluminium 2 core
600/1000V
ABC
SANS 1418

Size code	...naaa...	2025	2035	2050	2070	2095	2120	2150
Conductor size	mm ² nom	25	35	50	70	95	120	150
Conductor diameter	mm app.	6.2	7.0	8.2	9.8	11.6	13.5	14.4
Core diameter	mm app.	9.2	10.3	11.5	13.6	15.4	17.3	18.2
Assembled diameter	mm app.	18.5	20.7	23.1	27.2	30.8	34.6	36.4
Cable mass	kg/m app.	0.20	0.26	0.34	0.48	0.64	0.79	0.94
Gross mass (500 m)	kg app.	194	228	288	359	472	557	788
Design Load (UTS/2.5)	kN max	1.32	3.60	4.96	7.12	9.84	12.48	15.36
Current rating								
In air	Amps	111	138	168	213	258	300	339
Resistance								
dc @ 20°C	Ω/km max	1.200	0.868	0.641	0.443	0.320	0.253	0.206
ac @ 90°C	Ω/km max	1.490	1.113	0.822	0.568	0.411	0.325	0.265
Reactance								
	Ω/km	0.090	0.090	0.084	0.083	0.080	0.078	0.077
Impedance								
	Ω/km	1.493	1.117	0.826	0.574	0.419	0.334	0.276
Short Circuit rating								
(Single Phase) Volt Drop	kA (1sec)	2.3	3.0	4.1	5.9	8.2	10.3	12.7
	mV/A/m	2.99	2.23	1.65	1.15	0.84	0.67	0.55

When ordering please quote: primary + size + finish code
e.g. F7CA 2025 SAI



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LV ABC

XLPE

ESKOM BARE SUPPORT

F7CA... Primary group code

...EB0 Finish code

Aluminium 3 core + Bare Support

600/1000V

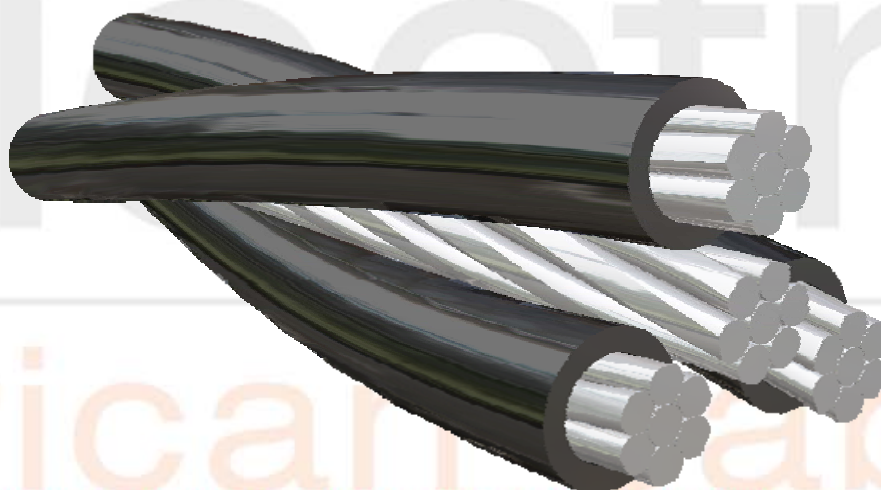
ABC

ESKOM (SCSSCAAD5)

Size code	...naaa...	3035	3050	3070	3095	3120
Conductor size	mm ² nom	35	50	70	95	120
Conductor diameter	mm app.	7.0	8.2	9.8	12.0	13.5
Core diameter	mm app.	10.3	11.5	13.6	15.5	17.5
Assembled diameter	mm app.	28.0	31.0	35.0	44.0	48.0
Support Core size	mm ² nom	35	50	50	70	70
Cable mass	kg/m app.	0.49	0.61	0.82	1.15	1.37
Gross mass (500 m)	kg app.	337	394	499	666	778
Design Load (UTS/2.5)	kN max	4.1	5.7	5.7	5.7	5.7
Current rating						
In air	Amps	138	168	213	250	290
Resistance						
dc @ 20°C	Ω/km max	0.868	0.641	0.443	0.320	0.253
ac @ 90°C	Ω/km max	1.113	0.822	0.568	0.398	0.315
Reactance	Ω/km	0.090	0.084	0.083	0.080	0.078
Impedance	Ω/km	1.117	0.826	0.574	0.406	0.325
Short Circuit rating	kA (1sec)	3.0	4.1	5.9	8.5	10.7
(Three Phase) Volt Drop	mV/A/m	1.93	1.43	0.99	0.70	0.56

When ordering please quote: primary + size + finish code

e.g. F7CA 3035 EB0



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Единый адрес для всех регионов: ccr@nt-rt.ru || www.cbi-electric.nt-rt.ru