

PVC
FR PVC (red stripe)
LH PVC (blue stripe)

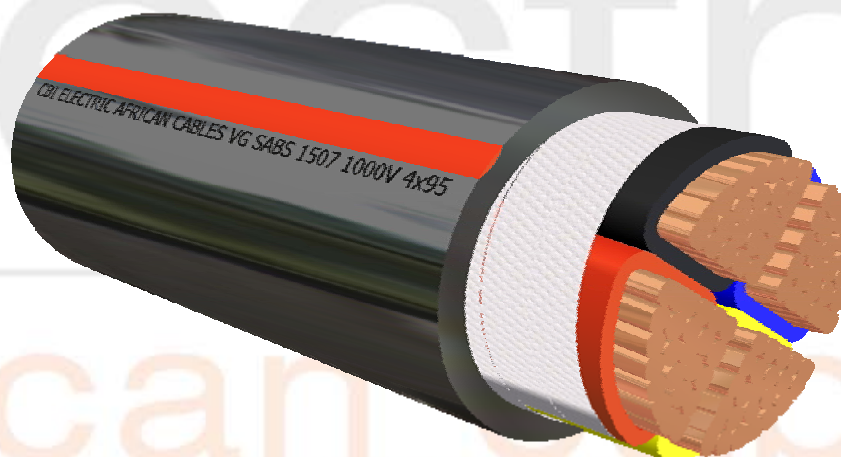
F4CC... Primary group code
...001 Finish code
...002

Copper 4 Core
600/1000 V
SANS 1507

Size code	...naaa...	4025	4035	4050	4070	4095	4120	4150	4185	4240	4300
Conductor size	mm ² nom	25	35	50	70	95	120	150	185	240	300
Conductor depth	mm app.	6.0	7.0	8.0	9.5	11.5	12.5	14.0	15.5	18.0	20.0
Insulation depth	mm app.	8.5	9.0	11.0	12.5	14.5	16.0	17.5	20.0	22.5	25.0
Cable diameter	mm app.	23.0	25.5	29.0	32.5	38.0	41.5	46.0	51.0	57.5	64.0
Cable mass	kg/m app.	1.2	1.6	2.2	3.0	4.1	5.1	6.4	7.9	10.3	12.8
Gross mass (300 m)	kg app.	410	555	745	1015	1395	1820	2150	4409	3530	4280
Bending radius	mm min.	184	204	232	260	304	332	368	408	460	512
Current rating											
In ground	Amps	115	140	165	200	245	280	310	350	410	460
In ducts	Amps	95	115	140	170	205	235	265	300	345	385
In air	Amps	110	135	160	205	250	290	335	385	450	510
Resistance											
dc @ 20°C	Ω/km max	0.727	0.524	0.387	0.268	0.193	0.153	0.124	0.099	0.075	0.060
ac @ 70°C	Ω/km max	0.870	0.627	0.464	0.321	0.232	0.185	0.150	0.121	0.094	0.077
Reactance											
Capacitance	μF/km	1.231	1.414	1.411	1.662	1.709	1.892	1.872	1.892	1.962	2.018
Impedance	Ω/km	0.874	0.632	0.470	0.330	0.243	0.198	0.166	0.140	0.117	0.103
Short circuit ratings											
Symmetrical	kA (1sec)	3.2	4.4	6.0	8.7	12.1	15.2	18.8	23.5	30.9	38.8
(Three Phase) Volt Drop	mV/A/m	1.51	1.09	0.81	0.57	0.42	0.34	0.29	0.24	0.20	0.18

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F4CC 4025 001



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