

XLPE
FRPVC (red stripe)
LHPVC (blue stripe)

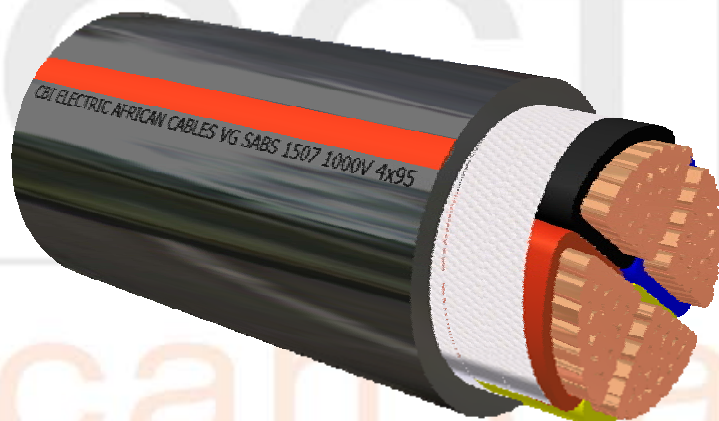
F2CC... Primary group code
...001 Finish code
...002

Copper 4 Core
600/1000V
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 diameter	mm app.	6.0	7.0	8.0	9.5	11.0	12.5	14.0	15.5	18.0	20.0
Insulation diameter	mm app.	7.5	8.5	10.0	12.0	13.5	15.0	17.0	19.0	21.5	24.0
Cable diameter	mm app.	21.5	24	27	31.5	35.5	39	43.5	49	55	61
Cable mass meter	kg/m app.	1.15	1.50	2.05	2.85	3.85	4.75	5.90	7.35	9.60	11.95
Gross mass (300 m)	kg app.	375	480	645	895	1195	1485	1830	2265	2940	3645
Bending radius	mm min.	172	192	216	252	284	312	348	392	440	488
Current rating											
In ducts	Amps	115	140	165	205	245	280	310	355	405	460
In air	Amps	135	165	200	255	310	360	405	465	550	620
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 @ 90°C	Ω/km max	0.927	0.669	0.494	0.343	0.247	0.197	0.161	0.129	0.100	0.082
Reactance	Ω/km	0.075	0.073	0.073	0.069	0.066	0.066	0.065	0.067	0.066	0.066
Impedance	Ω/km	0.931	0.673	0.500	0.350	0.258	0.209	0.175	0.147	0.122	0.107
Short circuit ratings											
Symmetrical	kA (1sec)	3.4	4.7	6.4	9.2	12.8	16.2	20.0	25.0	32.8	41.2
(Three Phase) Volt Drop	mV/A/m	1.61	1.17	0.86	0.61	0.44	0.36	0.30	0.25	0.21	0.18

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F2CC 4025 001



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