

PVC	F4CC...	Primary group code	Copper 2 Core
FRPVC (red stripe)	...001	Finish code	600/1000V
LHPVC (blue stripe)	...002		SANS 1507

Size code	...naaa...	2915	2925	2004	2006	2010	2016
Conductor size	mm <sup>2</sup> nom	1.5	2.5	4	6	10	16
Conductor diameter	mm app.	1.6	2.0	2.5	3.0	4.0	5.0
Insulation diameter	mm app.	3.2	3.7	4.5	5.0	6.0	7.0
Cable diameter	mm app.	9.5	10.5	12.5	14	15.5	17.5
Cable mass	kg/m app.	0.13	0.16	0.23	0.30	0.42	0.58
Gross mass ( 500 m )	kg app.	92	109	155	192	267	349
Bending radius	mm min.	95	105	125	140	155	175
<b>Current rating</b>							
In air	Amps	23	31	41	53	72	96
In ducts	Amps	20	26	34	43	58	75
<b>Resistance</b>							
dc @ 20°C	Ω/km max	12.10	7.41	4.61	3.08	1.83	1.15
ac @ 70°C	Ω/km max	14.48	8.87	5.52	3.69	2.19	1.38
<b>Reactance</b>							
	Ω/km	0.110	0.103	0.103	0.097	0.091	0.087
<b>Capacitance</b>							
	μF/km	0.315	0.375	0.376	0.440	0.532	0.639
<b>Impedance</b>							
	Ω/km	14.478	8.867	5.517	3.687	2.192	1.379
<b>Short circuit ratings</b>							
Symmetrical	kA (1sec)	0.2	0.3	0.5	0.8	1.3	2.0
(Single Phase) Volt Drop	mV/A/m	28.96	17.73	11.03	7.37	4.38	2.76

**Last updated May 2006**

When ordering please quote: primary + size + finish code  
 e.g. F4CC 2925 001



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**CBi Electric African Cables**  
 PO Box 172, Vereeniging 1930 • Tel: +27 16 430 6000 • Fax: +27 16 423 6103  
 www.cbi-electric.com • afcab@cbi-electric.com

