

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

F2CC...
 ...001
 ...002

Primary group code
 Finish code

Copper 4 Core
 600/1000 V
 SANS 1507

Size code	...naaa...	4915	4925	4004	4006	4010	4016
Conductor size	mm ² nom	1.5	2.5	4	6	10	16
Conductor diameter	mm app.	1.6	2.0	2.5	3.0	4.0	4.8
Insulation diameter	mm app.	3.0	3.5	4.0	4.5	5.5	6.5
Cable diameter	mm app.	11.0	12.0	13.0	15.0	17.0	19.0
Cable mass	kg/m app.	0.12	0.26	0.34	0.45	0.64	0.91
Gross mass (500 m)	kg app.	189	213	245	294	377	495
Bending radius	mm min.	88	96	104	120	136	156
Current rating							
In ducts	Amps	24	32	42	52	70	89
In air	Amps	25	33	42	57	79	105
Resistance							
dc @ 20°C	Ω/km max	12.10	7.41	4.61	3.08	1.83	1.15
ac @ 90°C	Ω/km max	15.43	9.45	5.88	3.93	2.33	1.47
Reactance	Ω/km	0.106	0.099	0.093	0.089	0.084	0.081
Impedance	Ω/km	14.478	8.867	5.517	3.687	2.192	1.378
Short circuit ratings							
Symmetrical	kA (1sec)	0.2	0.3	0.5	0.8	1.4	2.2
(Three Phase) Volt Drop	mV/A/m	26.72	16.37	10.18	6.80	4.04	2.54

Last updated May 2006

When ordering please quote: primary + size + finish code
 e.g. F2CC 4915 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

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