

Low Voltage PVC Control Cables

PVC F4CC... Primary group code
 FR PVC SWA FR PVC (red stripe) ...111 Finish code
 LH PVC SWA LH PVC (blue stripe) ...212

Copper 27 Core
 600/1000 V
 SANS 1507

Size code	...naaa...	C910	C915	C925	C004
Conductor size	mm ² nom	1	1.5	2.5	4
Conductor diameter	mm app.	1.3	1.6	2.1	2.5
Insulation diameter	mm app.	2.9	3.2	3.7	4.5
Bedding diameter	mm app.	20.5	22	25	31.5
Armour diameter	mm app.	23.5	25.5	28	35.5
Cable diameter	mm app.	27	29	32	40
Cable mass	kg/m app.	1.5	2	2.5	3.3
Gross mass (500 m)	kg app.	805	1090	1345	1745
Bending radius	mm min.	270	290	320	400
Resistance					
dc @ 20°C	Ω/km max	18.1	12.1	7.41	4.61
ac @ 70°C	Ω/km max	21.66	14.48	8.87	5.52
Reactance					
Impedance	Ω/km	0.111	0.106	0.094	0.093
(Single Phase) Volt Drop	mV/A/m	43.31	28.96	17.73	11.03

Last updated May 2006

When ordering please quote: primary + size + finish code
 e.g. F4CC C925 111



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

A member of the REUNERT Group

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

