Low Voltage PVC Control Cables

PVC	F4CC…	Primary group code	Copper 7 Core
FRPVC (red stripe)	…001	Finish code	600/1000 V
LHPVC (blue stripe)	…002		SANS 1507

Size code	…naaa…	7910	7915	7925	7004	7006	7010
Conductor size	mm² nom	1	1.5	2.5	4	6	10
Conductor diameter	mm app.	1.3	1.7	2.2	2.5	3	4
Insulation diameter	mm app.	2.9	3.5	4	5	5.5	6
Cable diameter	mm app.	12	13	15	17	19	21.5
Cable mass	kg/m app.	0.2	0.25	0.35	0.5	0.65	1
Gross mass (500 m)	kg app.	130	155	215	305	385	560
Bending radius	mm min.	96	104	120	136	152	172
Resistance							
dc @ 20°C	Ω/km max	18.1	12.1	7.41	4.61	3.08	1.83
ac @ 70°C	Ω/km max	21.657	14.478	8.867	5.517	3.687	2.192
Reactance	Ω/km	0.116	0.11	0.103	0.103	0.097	0.091
Capacitance	µF/km	0.275	0.315	0.375	0.376	0.44	0.532
Impedance	Ω/km	21.657	14.478	8.867	5.517	3.687	2.192
(Single Phase) Volt Drop	mV/A/m	43.31	28.96	17.73	11.03	7.37	4.38

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F4CC 7910 001

POWER BY INNOVATION … INNOVATION THROUGH PARTNERSHIPS
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