

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 ² 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
Current rating							
In air	Amps	23	31	41	53	72	96
In ducts	Amps	20	26	34	43	58	75
Resistance							
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
Reactance							
	Ω/km	0.110	0.103	0.103	0.097	0.091	0.087
Capacitance							
	μF/km	0.315	0.375	0.376	0.440	0.532	0.639
Impedance							
	Ω/km	14.478	8.867	5.517	3.687	2.192	1.379
Short circuit ratings							
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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