

PVC	F4CC...	Primary group code	Copper 4 Core
FR PVC (red stripe)	...001	Finish code	600/1000 V
LH PVC (blue stripe)	...002		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.	1.7	2.2	2.5	3.0	4.0	5.0
Insulation diameter	mm app.	3.5	4.0	5.0	5.5	6.0	7.0
Cable diameter	mm app.	11.0	12.0	14.5	16.0	18.0	20.0
Cable mass	kg/m app.	0.19	0.24	0.36	0.46	0.65	0.92
Gross mass (500 m)	kg app.	195	220	270	315	405	535
Bending radius	mm min.	88	96	116	128	144	160
Current rating							
In air	Amps	20	26	36	45	62	82
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	0.107	0.103	0.103	0.097	0.091	0.087
Capacitance	μF/km	0.334	0.398	0.386	0.450	0.542	0.649
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	1.0	1.6
(Three Phase) Volt Drop	mV/A/m	25.08	15.36	9.56	6.39	3.80	2.39

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F4CC 4915 001



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