

PVC
FRPVC (red stripe)
LHPVC (blue stripe)

F4CC... Primary group code
...001 Finish code
...002

Copper 3 Core
600/1000V
SANS 1507

Size code	...naaa...	3915	3925	3004	3006	3010	3016
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.	10.5	11.0	13	14.5	16.5	18.5
Cable mass	kg/m app.	0.16	0.2	0.29	0.38	0.53	0.74
Gross mass (500 m)	kg app.	95	114	162	204	288	385
Bending radius	mm min.	84	92	104	116	132	148
Current rating							
In ducts	Amps	20	26	34	43	58	75
In air	Amps	20	26	36	45	62	82
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							
Capacitance	μF/km	0.315	0.375	0.376	0.440	0.532	0.639
Impedance	Ω/km	14.478	8.867	5.517	3.686	2.191	1.379
Short circuit ratings							
Symmetrical	kA (1sec)	0.2	0.3	0.5	0.8	1.3	2.0
(Three Phase) Volt Drop	mV/A/m	25.08	15.36	9.56	6.38	3.79	2.39

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F4CC 3925 001



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