

PVC
FRPVC SWA/ECC FRPVC (red stripe)
LHPVC SWA/ECC LHPVC (blue stripe)

F4CC... Primary group code
...121 Finish code
...222

Copper 7 Core
600/1000 V
SANS 1507

Size code	...naaa...	7910	7915	7925	7004	7006	7010
Conductor size	mm ² 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.	3	3.5	4	5	5.5	6
Bedding diameter	mm app.	10.5	12	13	15	17.5	20
Armour diameter	mm app.	13	14	15	17.5	20	22.5
Cable diameter	mm app.	16	17	18	21	23.5	26
Cable mass	kg/m app.	0.53	0.6	0.7	0.94	1.25	1.6
Gross mass (500 m)	kg app.	310	355	420	550	685	880
Bending radius	mm min.	160	170	180	210	235	260
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	21.66	14.48	8.87	5.52	3.69	2.19
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
Short circuit ratings							
Symmetrical	kA (1sec)	0.13	0.19	0.32	0.51	0.76	1.28
Earth fault	kA (1sec)	1.74*	1.85*	1.96*	2.46*	2.91*	3.31*
(Single Phase) Volt Drop	mV/A/m	36.2	24.2	14.82	9.22	6.16	3.66

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F4CC 7010 121

* Earth fault rating limited by symmetrical fault rating



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