

PVC F4CC... Primary group code
 FRPVC SWA / ECC FRPVC ...121 Finish code
 LHPVC SWA / ECC LHPVC ...222

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
Bedding diameter	mm app.	9.0	10.0	11.5	13.0	14.5	16.5
Armour diameter	mm app.	11.0	12.5	14.0	15.0	17.0	19.0
Cable diameter	mm app.	14.0	15.5	17.0	18.5	20.5	22.5
Cable mass	kg/m app.	0.42	0.48	0.59	0.71	0.88	1.15
Gross mass (500 m)	kg app.	230	259	337	389	499	625
Bending radius	mm min.	140	150	170	180	200	225
Current rating							
In ground	Amps	23	31	40	51	68	88
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	3.687	2.192	1.379
Zero Sequence							
Resistance	Ω/km	20.578	15.453	10.884	8.308	6.248	4.166
Reactance	Ω/km	0.166	0.153	0.145	0.135	0.124	0.114
Short circuit ratings							
Symmetrical	kA (1sec)	0.19	0.32	0.51	0.76	1.27	2.03
Earth fault	kA (1sec)	1.46*	1.57*	1.96*	2.24*	2.57*	3.28*
(Three Phase)Volt Drop	mV/A/M	25.077	15.358	9.556	6.386	3.797	2.388

Last updated May 2006

When ordering please quote: primary + size + finish code
 e.g. F4CC 3925 121

* Earth fault rating limited by symmetrical fault rating



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