

PVC F4CC... Primary group code
 FR PVC (red stripe) ...001 Finish code
 LH PVC (blue stripe) ...002

Copper I Core
 600/1000 V
 SANS 1507

Size code	...naaa...	1400	1500	1630	1800	1999
Conductor size	mm ² nom	400	500	630	800	1000
Conductor diameter	mm app.	24.0	27.5	30.5	34.5	39.0
Insulation diameter	mm app.	29.5	33.5	36.0	40.0	45.0
Cable diameter	mm app.	33.5	38.0	41.0	44.5	50.5
Cable mass	kg/m app.	4.0	5.0	6.4	8.1	10.1
Gross mass (500 m)	kg app.	2160	2665	3490	4340	5340
Bending radius	mm min.	268	304	328	356	404
Current rating	(trefoil)					
In ground	Amps	540	610	687	745	822
In ducts	Amps	440	482	539	581	639
In air	Amps	657	749	855	971	1079
Resistance						
dc @ 20°C	Ω/km max	0.047	0.037	0.028	0.022	0.018
ac @ 70°C	Ω/km max	0.062	0.051	0.042	0.028	0.023
Reactance	Ω/km	0.073	0.073	0.072	0.071	0.069
Capacitance	μF/km	2.233	2.350	2.585	2.880	3.032
Impedance	Ω/km	0.096	0.089	0.083	0.076	0.074
Short circuit ratings						
Symmetrical	kA (1sec)	35.2	45.3	58.5	75.0	94.2
(Three Phase) Volt Drop	mV/A/m	0.17	0.15	0.14	0.13	0.13
(Single Phase) Volt Drop	mV/A/m	0.19	0.18	0.17	0.15	0.15

Last updated May 2006

When ordering please quote: primary + size + finish code
 e.g. F4CC 1400 001



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

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