

Copper 1 Core  
600/1000 V  
SANS 1507

PVC INSULATED HOUSEWIRE  
FRPVC (black)

F4CC... Primary group code  
...K Finish code

Size code	...naaa...	1915	1925	1004	1006	1010	1016
Conductor size	mm <sup>2</sup> nom	1.5	2.5	4	6	10	16
Conductor diameter	mm app.	1.6	2.0	2.5	3.0	3.9	4.8
Cable diameter	mm app.	3.2	3.7	4.5	5.1	5.9	6.8
Cable mass	kg/m app.	0.02	0.03	0.05	0.07	0.11	0.17
Gross mass (100 m)	kg app.	2.5	3.6	5.4	7.5	11.5	17.3
Bending radius	mm min.	10	11	14	15	18	20
<b>Current rating</b>							
2 touching							
In ducts	Amps	15	20	26	34	46	61
In air	Amps	20	27	37	47	65	87
3 in trefoil							
In ducts	Amps	14	18	24	31	42	56
In air	Amps	18	25	33	43	59	79
<b>Resistance</b>							
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
<b>Reactance</b>							
	Ω/km	0.124	0.117	0.117	0.112	0.106	0.102
<b>Capacitance</b>							
	μF/km	0.315	0.375	0.376	0.440	0.532	0.639
<b>Impedance</b>							
	Ω/km	14.478	8.867	5.517	3.686	2.191	1.379
<b>Short circuit ratings</b>							
*Symmetrical	kA (1sec)	0.2	0.3	0.5	0.8	1.3	2.0
(Three Phase) Volt Drop	mV/A/m	28.96	17.73	11.03	7.37	4.38	2.76
(Single Phase) Volt Drop	mV/A/m	25.08	15.36	9.56	6.38	3.79	2.39

\* Assumed two cables touching in duct  
When ordering please quote: primary + size + finish code  
e.g. F4CC 1915K



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