

XLPE	F2CC...	Primary group code	Copper 4 Core
FR PVC (red stripe)	...001	Finish code	600/1000 V
LH PVC (blue stripe)	...002		SANS 1507

Size code	...naaa...	4915	4925	4004	4006	4010	4016
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	4.0	4.8
Insulation diameter	mm app.	3.0	3.5	4.0	4.5	5.5	6.5
Cable diameter	mm app.	11.0	12.0	13.0	15.0	17.0	19.0
Cable mass	kg/m app.	0.12	0.26	0.34	0.45	0.64	0.91
Gross mass ( 500 m )	kg app.	189	213	245	294	377	495
Bending radius	mm min.	88	96	104	120	136	156
<b>Current rating</b>							
In ducts	Amps	24	32	42	52	70	89
In air	Amps	25	33	42	57	79	105
<b>Resistance</b>							
dc @ 20°C	Ω/km max	12.10	7.41	4.61	3.08	1.83	1.15
ac @ 90°C	Ω/km max	15.43	9.45	5.88	3.93	2.33	1.47
Reactance	Ω/km	0.106	0.099	0.093	0.089	0.084	0.081
Impedance	Ω/km	14.478	8.867	5.517	3.687	2.192	1.378
<b>Short circuit ratings</b>							
Symmetrical (Three Phase) Volt Drop	kA (1sec)	0.2	0.3	0.5	0.8	1.4	2.2
	mV/A/m	26.72	16.37	10.18	6.80	4.04	2.54

Last updated May 2006

When ordering please quote: primary + size + finish code  
 e.g. F2CC 4915 001



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