

Only for use in applications protected from solar radiation.

NHL SFR F6CC... Primary group code
ZEROTOX (white stripe) ...003 Finish code

Copper 4 Core
600/1000V
SANS 1507

Size code	...naaa...	4915	4925	4004	4006	4010	4016
Conductor size	mm ² 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
Insulation diameter	mm app.	3.2	3.7	4.5	5.0	5.9	6.8
Cable diameter	mm app.	11.0	12.0	14.5	16.0	18.0	20.0
Cable mass	kg/m app.	0.16	0.21	0.31	0.40	0.57	0.82
Gross mass (500 m)	kg app.	195	220	271	317	400	525
Bending radius	mm min.	165	180	218	240	270	300
Current rating							
In ground	Amps	25	33	43	55	74	94
In ducts	Amps	20	27	36	44	60	76
In air	Amps	21	27	37	48	66	88
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							
Impedance	Ω/km	0.106	0.100	0.099	0.094	0.088	0.083
Short circuit ratings							
Symmetrical	kA (1sec)	0.2	0.3	0.5	0.8	1.4	2.3
(Three Phase) Volt Drop	mV/A/M	25.08	15.36	9.56	6.38	3.79	2.39

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F6CC 4915 003



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