

Only for use in applications protected from solar radiation.

NHL5FR F6CC... Primary group code
ZEROTOX (white stripe) ...003 Finish code

Copper 2 Core
600/1000 V
SANS 1507

Size code	...naaa...	2915	2925	2004	2006	2010	2016
Conductor size	mm ² nom	1.5	2.5	4	6	10	16
Conductor diameter	mm app.	1.5	2.0	2.5	3.0	3.5	5.0
Insulation diameter	mm app.	3.5	4.0	4.5	5.0	6.0	7.0
Cable diameter	mm app.	10.0	11.0	13.0	14.0	16.0	18.0
Cable mass	kg/m app.	0.14	0.18	0.25	0.32	0.58	0.60
Gross mass (500 m)	kg app.	186	204	237	274	405	415
Bending radius	mm min.	150	165	195	210	240	270
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	11.15	6.83	4.25	2.84	1.69	1.06
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	1.3	2.0
(Three Phase) Volt Drop	mV/A/m	19.31	11.83	7.36	4.92	2.92	1.84

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F6CC 2915 003



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