

1 Core Circular Aluminium, XLPE Silane.

Application:
For use in power circuits of 600/1000V earthed systems as earth core.
Installed in Cable trays and ducts.

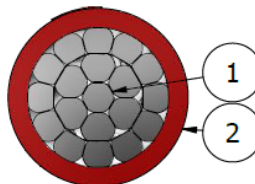
Voltage Rating: 600 / 1 000V

Specification: SANS 1507-4

Construction:
Single core, Aluminium stranded circular conductor, XLPE Silane insulated.

SIZE CODE APSXC 1x(conductor size) (RED, YELLOW, BLUE, BLACK)

Conductor size	Conductor diameter	Insulation diameter	Cable mass	Cable gross mass	Bending radius	Current rating		Reactance	Impedance	Capacitance	Resistance		Symmetrical short circuit fault rating
						Amps					Ω/km max		
mm ² Nom.	mm Nom.	mm Nom.	kg/m Nom.	500m Nom. kg	mm min.	air	ducts	Ω/km	Ω /km	μF/km	dc @ 20°C	ac @ 90°C	kA (1sec)
25	6.0	7.8	0.086	193	78	114	102	0.105	1.542	0.517	1.200	1.539	2.2
50	8.2	10.2	0.154	227	102	166	144	0.100	0.429	0.600	0.320	0.417	4.1
120	13.3	15.7	0.372	336	157	266	214	0.073	0.336	0.816	0.253	0.328	10.4



Item	Description
1	Stranded Aluminium conductor
2	Insulation

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