

## 2 Core

Circular stranded Aluminium, PVC, PVC / LHFRPVC, SWA, FRPVC / LHFRPVC.

### Application:

For use in power circuits of 600 / 1 000V earthed systems. Installed in Cable trays, Ducts and Underground.

### Construction:

2 Core, stranded Aluminium circular conductor, PVC insulated, PVC or low halogen FRPVC bedding, steel wire armoured and flame retardant PVC or low halogen FRPVC sheath.

Voltage Rating: 600 / 1 000V

Specification: SANS 1507-3

### SIZE CODE

### LVAPS 2x(conductor size) FR / LH 1kV

Conductor size	Conductor depth	Insulation depth	Bedding diameter	Armour diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Current rating			Reactance	Resistance		Impedance	Capacitance	Short circuit ratings		Single phase volt drop
									air	ground	ducts		Ω/km max	dc @ 20°C			ac @ 70°C	Symmetrical	
mm <sup>2</sup> Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	500m Nom.	mm min.	air	ground	ducts	Ω /km	dc @ 20°C	ac @ 70°C	Ω/km	μF/km	kA (1sec)		mV/A/m
25	5.8	8.2	19.9	22.4	25.8	1.2	767	258	92	106	86	0.102	1.20	1.44	1.445	0.642	1.9	3.3	2.89



Item	Description
1	Stranded Aluminium conductor
2	Insulation
3	Binding tape (if applicable)
4	Bedding
5	Armouring
6	Sheathing

