

3 Core

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

Application:

For use in power circuits of 1.9 / 3.3V earthed systems. Installed in cable trays, ducts and underground.

Construction:

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

Voltage Rating: 1.9 / 3.3kV

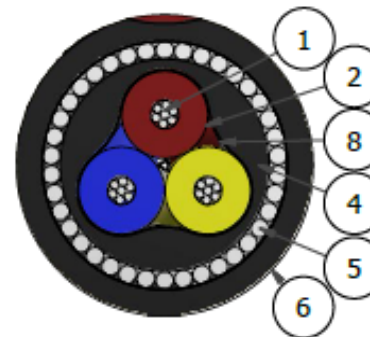
Specification: SANS 1507-3

SIZE CODE

LVAPS 3x(conductor size) FR / LH 3.3kV

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		3 Phase volt drop
									Amps				Ω/km max				Symmetrical	Earth fault	
mm ² 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	6.0	10.5	25.6	28.8	32.5	1.9	1,131	325	92	106	86	0.101	1.20	1.44	1.445	0.396	1.9	5.4	2.50

Note: * These cables are manufactured with circular conductors.



Item	Description
1	Aluminium conductor, class 2
2	Insulation
3	Binder / separator tape (if applicable)
4	Bedding
5	Galvanized steel wire armour
6	Sheating