

9 Core

Circular Copper, PVC, PVC, SWA, FRPVC / LHFRPVC.

Application:

For use in power circuits of 600/1 000V earthed systems. Installed in cable trays, ducts and underground.

Voltage Rating: 600 / 1 000V

Construction:

9 Core, Copper stranded circular conductor, PVC insulated, PVC bedding, steel wire armoured, flame retardant PVC / low halogen flame retardant PVC sheath.

Specification: SANS 1507-3

SIZE CODE				LVCP 9x(conductor size)FR / LH 1kV															
Conductor size	Conductor diameter	Insulation diameter	Bedding diameter	Armour diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Current rating (maximum)			Reactance	Resistance		Impedance	Capacitance	Short circuit ratings		Single phase volt drop
									Amps				Ω/km max					Symmetrical	
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	kg/500m Nom.	mm min.	air	ground	ducts	Ω/km	dc @ 20°C	ac @ 70°C	Ω /km	μF/km	kA (1sec)		mV/A/m
1.5	1.6	3.2	14.9	17.1	20.4	0.58	520	204	10.6	12.7	10.6	0.109	12.100	14.478	14.478	0.307	0.193	2.695	28.96
2.5	2.0	3.6	16.5	19.0	22.3	0.94	701	223	19.1	23.9	20.2	0.103	7.410	8.866	8.867	0.371	0.315	3.050	17.73

