

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.

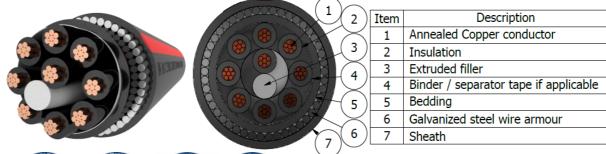
Voltage Rating: 600 / 1 000V

Construction:

Specification: SANS 1507-3

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

	SIZE (CODE		LVCP 9x(conductor size)FR / LH 1kV															
size	diameter	diameter	eter	eter	iter	တ္	mass	sni		Current			Resistance Ω/km max		Impedance	Capacitance	Short circuit ratings		Se
Conductor s	onductor diar	Insulation dian	Bedding diam	Armour diameter	Cable diamete	Cable mass	Cable gross n	Bending radius	Current rating (maximum) Amps		Reactance	Symmetrical					Earth fault	Single phase volt drop	
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mm² 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



Revision: R01 13/07/2020