

## 37 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.

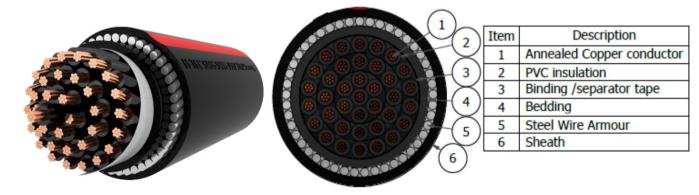
Voltage Rating: 600 / 1 000V

**Construction:** 

Specification: SANS 1507-3

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

		LVCP 37x(conductor size)FR / LH 1kV																	
size	diameter	diameter	ieter	eter	iter	တ္	mass	adius	Current			Ø)	Resistance Ω/km max		Impedance	Capacitance	Short circuit ratings		Se
Conductor s	onductor diar	Insulation dian	Bedding diam	Armour diam	Cable diameter	Cable mass	Cable gross n	Bending rad	rating (estimate of maximum) Amps		Reactance	Symmetrical					Earth fault	Single phase volt drop	
	Ö						O								$\sigma$				
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	1.55	3.20	25.3	28.5	32.2	2.05	1 324	322	8	8	5	0.109	12.100	14.478	14.478	0.307	0.164	5.010	28.96
2.5	2.00	3.65	28.8	32.8	36.9	2.84	1 720	369	10	11	7	0.103	7.410	8.866	8.867	0.369	0.270	6.910	17.734
4	2.45	4.50	35.0	38.9	43.4	3.66	2 179	434	14	14	9	0.102	4.610	5.516	5.517	0.366	0.440	8.600	11.03



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