

## 14 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

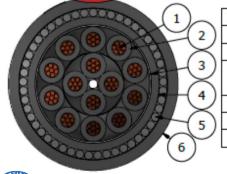
**Construction:** 

Specification: SANS 1507-3

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

SIZE CODE				LVCP 14x(conductor size)FR / LH 1kV																
size	diameter	diameter	eter	eter	ter	S	mass	sn	ng force ombined		Curren	t	a.			40	Φ	Short circuit ratings		Single phase volt drop
Conductor si	Conductor dian	Insulation diam	Bedding diameter	Armour diameter	Cable diameter	Cable mass	Cable gross m	Bending radius	laximum pulli conductors c	,	rating (estimate of maximum)		Reactance	Resistance		Impedance	Capacitance	Symmetrical	Earth fault	
	O	_							≥ ⊑		Amps			Ω/km	n max			U,		
mm² Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	kg/500m Nom.	mm min.	N	air	ground	ducts	Ω/km	dc @ 20℃	ac @ 70℃	Ω/km	μF/km	kA (	Isec)	mV/A/m
1.5	1.55	3.20	15.8	18.3	21.5	0.89	545	215	93	3.3	3.6	2.9	0.109	12.100	14.478	14.478	0.307	0.193	2.624	28.96
2.5	2.00	3.65	18.6	21.1	24.5	1.15	725	245	154	4.2	4.4	3.6	0.103	7.410	8.866	8.867	0.369	0.315	2.979	17.73
4	2.45	4.50	22.4	24.9	28.3	1.59	944	283	247	5.9	6.0	4.9	0.102	4.610	5.516	5.517	0.366	0.506	3.617	11.03





	Item	Description					
)	1	Annealed Copper conductor					
	2	Insulation					
)	3	Binding / separator tape					
١	3	when applicable					
4	4	Bedding					
)	5	Steel wire armour					
1	6	Sheath					

Revision: R00 20/12/2016





