

24 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.

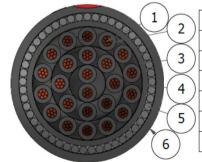
Voltage Rating: 600 / 1 000V Specification: SANS 1507-3 **Construction:**

 ${\tt 24~Core,~Copper~stranded~circular~conductor,~PVC~insulated,~PVC~bedding,~steel~wire~armoured,}\\$

flame retardant PVC / low halogen flame retardant PVC sheath.

SIZE CODE				LVCP 24x(conductor size)FR / LH 1kV															
size	diameter	diameter	eter	eter	ter	Ø	mass	sn		Curren	t				4)	Ф	Short circuit ratings		
Conductor si	onductor	Insulation diam	Bedding diam	Armour diameter	Cable diameter	Cable mass	Cable gross m	Bending radius		rating estimate maximun		Reactance	Resis	tance	Impedance	Capacitance	Symmetrical	Earth fault	Single phase volt drop
	O	_								Amps			Ω /km max				0)		
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℃	ac @ 70℃	Ω/km	μF/km	kA ((sec)	mV/A/m
1.5	1.55	3.20	19.2	24.8	28.3	1.58	1,014	283	3.3	3.6	2.9	0.109	12.100	14.478	14.478	0.307	0.193	5.113	28.96
2.5	2.00	3.65	21.9	27.5	31.2	1.92	1,104	312	4.2	4.4	3.6	0.103	7.410	8.866	8.867	0.369	0.315	5.694	17.73
4	2.45	4.50	27.0	33.9	38.0	3.13	1,750	380	5.9	6.0	4.9	0.102	4.610	5.516	5.517	0.366	0.506	8.715	11.03





Item	Description					
1	Annealed Copper conductor					
2	2 PVC insulation					
3	Binding /separator tape if applicable					
4	Bedding					
5	Steel wire armour					
6	Sheath					

Revision: R00 10/08/2017





