

## 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:

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																
Conductor size	Conductor diameter	Insulation diameter	Bedding diameter	Armour diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Current rating (estimate of maximum)			Reactance	Resistance		Impedance	Capacitance	Short circuit ratings		Single phase volt drop	
									air	ground	ducts		Ω/km max	dc @ 20°C			ac @ 70°C	Ω /km		μF/km
mm <sup>2</sup> Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	kg/500m Nom.	mm min.				Ω/km								
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	PVC insulation
3	Binding /separator tape if applicable
4	Bedding
5	Steel wire armour
6	Sheath

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