



**8 Core**  
Circular Copper, PVC, PVC, SWA, FRPVC / LHFRPVC.

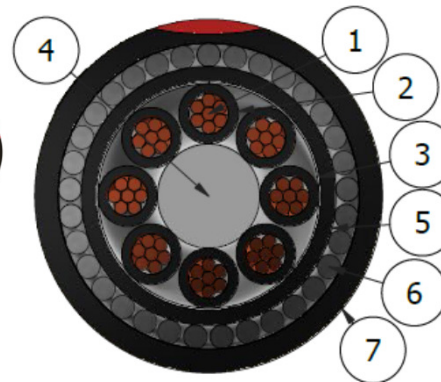
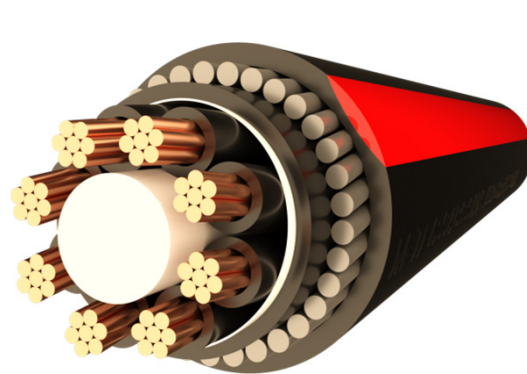
**Application:**  
For use in power circuits of 600/1 000V earthed systems. Installed in cable trays, ducts and underground.

**Voltage Rating:** 600 / 1 000V

**Specification:** SANS 1507-3

**Construction:**  
8 Core, Copper stranded circular conductor + PE center filler, PVC insulated, PVC bedding, steel wire armoured, flame retardant PVC / Low halogen flame retardant PVC sheath.

SIZE CODE				LVCP 8x(conductor size)FR / LH 1kV																
Conductor size	Conductor diameter	Insulation diameter	Bedding diameter	Armour diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Maximum pulling force.	Current rating (estimate of maximum)			Reactance	Resistance		Impedance	Capacitance	Short circuit ratings		Single phase volt drop
										Amps	Ω/km max			Ω /km	μF/km			Symmetrical	Earth fault	
mm <sup>2</sup> 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°C	ac @ 70°C	Ω /km	μF/km	kA (1sec)
1.5	1.55	3.20	13.6	16.1	19.3	0.75	487	193	46	3.3	3.6	2.9	0.109	12.100	14.478	14.478	0.307	0.193	2.553	28.96



Item	Description
1	Annealed Copper conductor
2	Insulation
3	Separator / binder tape if applicable
4	Filler
5	Bedding
6	Galvanized steel wire armouring
7	Sheath

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