



5 Core
Circular Copper, PVC, PVC, SWA, FRPVC / LHFRPVC.

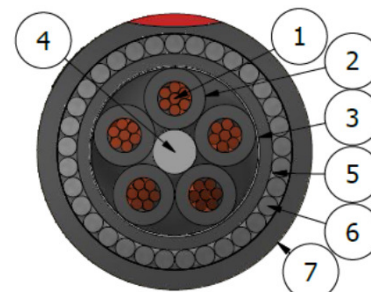
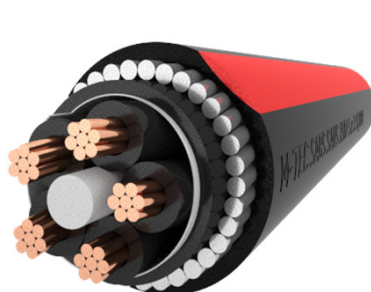
Application:
For use in power circuits of 600/1 000V earthed systems. Installed in cable trays, ducts and underground.

Voltage Rating: 600 / 1 000V

Specification: SANS 1507-3

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

SIZE CODE				LVCP 5x(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	Symmetrical	
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	kg/500m Nom.	mm min.				Ω/km			Ω /km	μF/km	kA (1sec)		mV/A/m
1.5	1.55	3.20	11.3	13.1	16.1	0.56	389	161	3.3	3.6	2.9	0.109	12.100	14.478	14.478	0.307	0.193	1.986	28.96
2.5	2.00	3.65	12.6	14.4	17.4	0.67	446	174	4.2	4.4	3.6	0.103	7.410	8.866	8.867	0.369	0.315	2.270	17.73
4	2.45	4.50	15.2	16.7	20.0	0.89	553	200	5.9	6.0	4.9	0.102	4.610	5.516	5.517	0.366	0.506	2.624	11.03



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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