

7 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

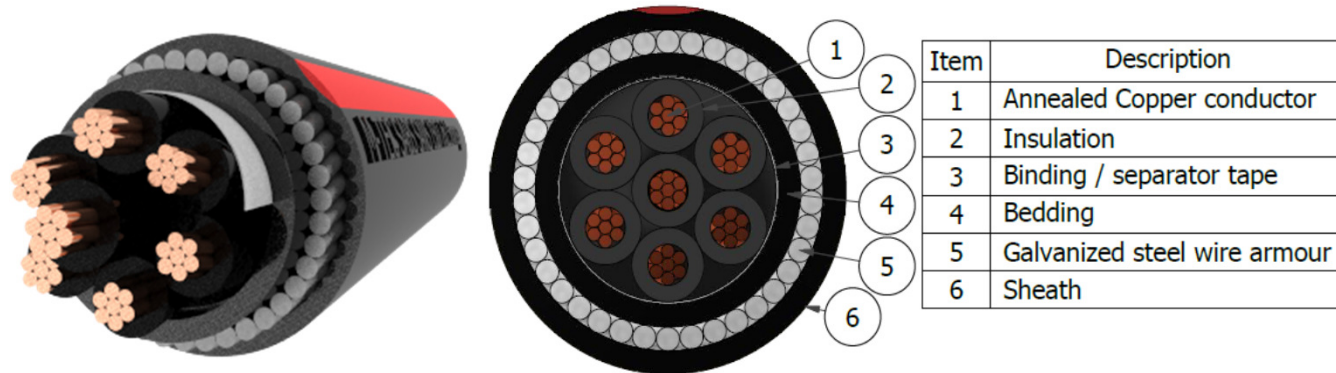
Construction:

7 Core, Copper stranded circular conductor, PVC Insulated, PVC bedding, steel wire armoured, flame retardant PVC / Low halogen flame retardant PVC sheath.

SIZE CODE

LVCP 7x(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
									Amps				Ω/km max				Symmetrical	Earth fault	
mm ² 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°C	ac @ 70°C	Ω /km	μF/km	kA (1sec)		mV/A/m
1.5	1.55	3.20	11.7	14.2	17.3	0.62	385	173	15	18	12	0.109	12.100	14.478	14.478	0.307	0.164	1.860	28.96
2.5	2.00	3.65	13.0	15.5	18.8	0.73	466	188	20	24	16	0.103	7.410	8.866	8.867	0.369	0.270	1.980	17.73
4	2.45	4.50	15.6	18.1	21.4	0.97	584	214	27	31	22	0.102	4.610	5.516	5.517	0.366	0.440	2.340	11.03



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