

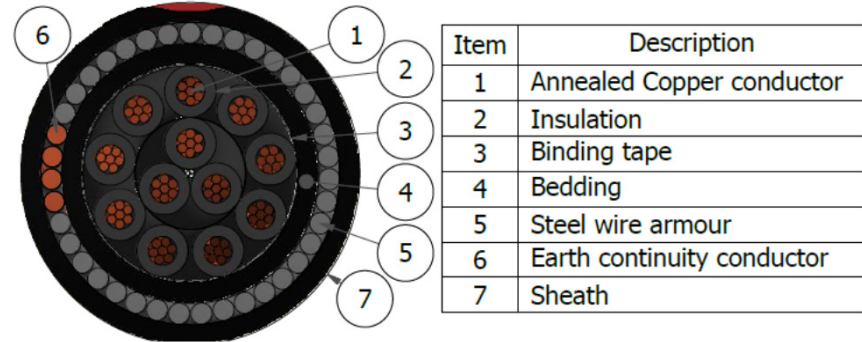
12 Core Circular Copper, PVC, PVC, SWA+ECC, FRPVC / LHFRPVC.

Application:
For use in power circuits of 600/1 000V earthed systems. Installed in Cable trays, Ducts and Underground.

Construction:
12 Core, Copper stranded circular conductor, PVC Insulated, PVC bedding, steel wire armoured + ECC, flame retardant PVC / Low halogen flame retardant PVC Sheath.

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

SIZE CODE				LVCP 12x(conductor size)FRE / LHE 1kV																
Conductor size	Conductor diameter	Insulation diameter	Bedding diameter	Armour diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Maximum pulling force on conductors combined	Current rating			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.	500m Nom.	mm min.	N	air	ground	ducts	Ω/km	dc @ 20°C	ac @ 70°C	Ω /km	μF/km	kA (1sec)	mV/A/m	
1.5	1.6	3.2	14.9	17.4	20.7	0.80	599	248	79	12	15	12	0.114	12.100	14.478	14.478	0.322	0.193	2.250	28.96
2.5	2.0	3.6	17.7	20.2	23.7	1.12	789	284	132	17	19	15	0.114	7.410	8.866	8.867	0.371	0.315	3.194	17.73



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