

## 12 Core Circular Copper, PVC, 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,  
Low halogen flame retardant PVC sheath.

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

**Specification:** SANS 1507-3

### SIZE CODE

### LVCPUA 12X(conductor size)LH

Conductor size	Conductor diameter	Insulation 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	dc @ 20°C		ac @ 70°C	Ω /km			μF/km		Symmetrical	kA (1sec)	mV/A/m
mm <sup>2</sup> Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	500m Nom.	mm min.													
1.5	1.55	3.20	17.0	0.40	302	170	3.3	3.6	2.9	0.109	12.100	14.478	14.478	0.307	0.193	28.96			
2.5	2.00	3.65	18.8	0.54	418	188	4.2	4.4	3.6	0.103	7.410	8.866	8.867	0.369	0.315	17.73			
4	2.45	4.50	22.4	0.82	560	224	5.9	6.0	4.9	0.102	4.610	5.516	5.517	0.366	0.506	11.03			

