

## 2 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:

2 Core, Copper stranded circular conductor, PVC Insulated, Low halogen flame retardant PVC sheath.

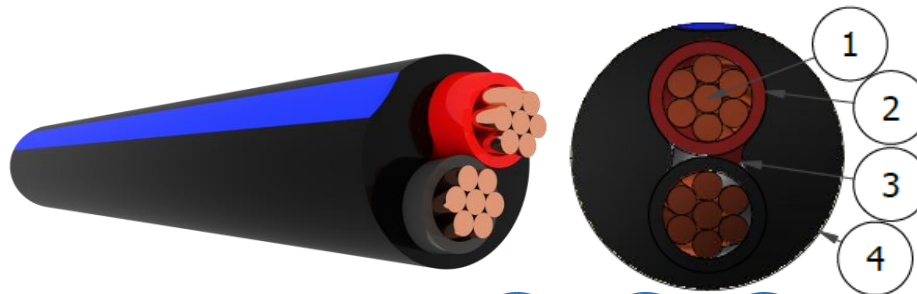
**Voltage Rating:** 600 / 1 000V

**Specification:** SANS 1507-3

### SIZE CODE

### LVCPUA 2x(conductor size)LH 1kV

Conductor size	Conductor diameter	Insulation diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Current rating		Reactance	Resistance		Impedance	Capacitance	Short circuit ratings	
							air	ducts		Ω/km	dc @ 20°C			ac @ 70°C	Ω /km
mm <sup>2</sup> Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	500m Nom.	mm min.									
1.5	1.6	3.6	10.1	0.15	305	101	23	23	0.132	12.100	14.478	14.478	0.271	0.164	28.96
2.5	2.0	4.1	11.0	0.18	322	110	31	31	0.125	7.410	8.866	8.867	0.312	0.268	17.73
4	2.5	4.5	12.8	0.26	359	128	41	41	0.118	4.610	5.516	5.517	0.374	0.432	11.03
6	3.0	5.1	14.3	0.33	394	143	53	51	0.113	3.080	3.685	3.687	0.422	0.650	7.37
10	3.8	5.9	19.6	0.84	650	196	72	68	0.107	1.830	2.190	2.192	0.509	1.087	4.38
16	4.8	6.6	21.5	0.98	720	215	96	88	0.102	1.150	1.376	1.380	0.666	1.730	2.76
25	6.0	8.2	25.2	1.36	909	252	128	116	0.102	0.727	0.870	0.876	0.723	2.737	1.75



Item	Description
1	Phase conductor annealed Copper
2	Phase core insulation
3	Binding tape (if applicable)
4	Sheathing UV stable

Revision: R00 22/10/2019