

3 Core Circular Copper, PVC, LHFRPVC.

Application:

For use in power circuits of 600/1 000V earthed systems.
Installed in Cable trays and ducts..

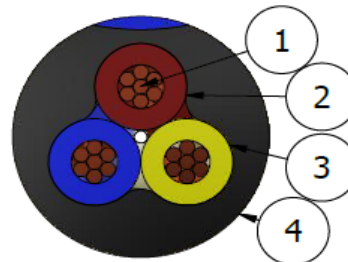
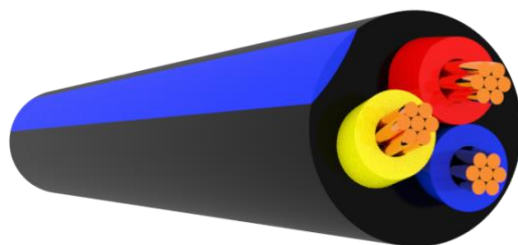
Voltage Rating: 600 / 1 000V

Specification: SANS 1507-3

Construction:

3 Core, Copper stranded circular conductor, PVC insulated,
Low halogen flame retardant PVC sheath.

SIZE CODE			LVCPUA 3x(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	
							A			Ω/km max				Symmetrical	Single Phase volt drop
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	500m Nom.	mm min.	air	ducts	Ω/km	dc @ 20°C	ac @ 70°C	Ω /km	μF/km	kA (1sec)	mV/A/m
1.5	1.6	3.6	10.3	0.14	180	103	20	20	0.111	12.10	14.48	14.478	0.271	0.193	25.08
2.5	2.0	4.1	11.2	0.18	201	112	26	26	0.110	7.41	8.87	8.867	0.312	0.315	15.36
4	2.5	4.5	13.1	0.26	240	131	36	34	0.103	4.61	5.52	5.517	0.374	0.506	9.56
6	3.0	5.1	14.7	0.34	278	147	45	43	0.098	3.08	3.69	3.687	0.422	0.762	6.39
10	3.8	5.9	16.8	0.48	351	168	62	58	0.093	1.83	2.19	2.193	0.509	1.274	3.80
16	4.8	6.6	19.0	0.68	450	190	82	75	0.086	1.15	1.38	1.383	0.666	2.027	2.40



Item	Description
1	Annealed Copper conductor
2	Insulation
3	Binder tape (if applicable)
4	Sheathing