

4 Core Circular Copper, PVC, FRPVC / LHFRPVC.

Application:

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

Voltage Rating: 600 / 1 000V

Construction:

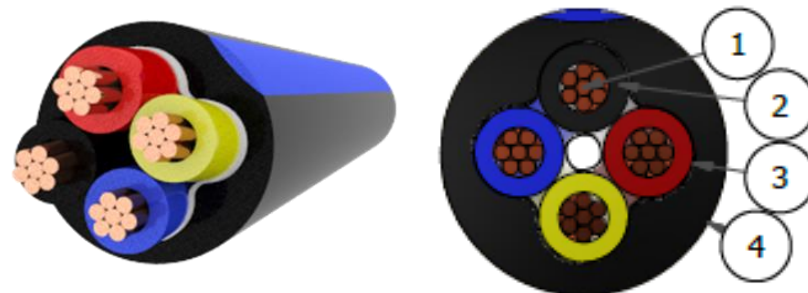
4 Core, Copper stranded circular conductor, flame retardant PVC Insulated, flame retardant PVC / Low halogen flame retardant PVC Sheath.

Specification: SANS 1507-3

SIZE CODE

LVCPUA 4x(conductor size)FR / LH 1kV

Conductor size	Conductor diameter	Insulation 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	kA (1sec)	
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	500m Nom.	mm min.	N	air	ground	duct	Ω/km	dc @ 20°C	ac @ 70°C	Ω /km	μF/km			kA (1sec)
1.5	1.6	3.2	11.4	0.17	193	114	13	20	24	20	0.104	12.10	14.48	14.478	0.321	0.169	25.08	
2.5	2.0	3.7	12.5	0.21	217	125	22	26	32	26	0.104	7.41	8.87	8.867	0.361	0.275	15.36	
4	2.5	4.5	15.0	0.33	275	150	35	36	42	34	0.103	4.61	5.52	5.517	0.374	0.442	9.56	
6	3.0	5.1	16.3	0.41	316	163	53	45	53	43	0.098	3.08	3.69	3.687	0.422	0.666	6.39	
10	3.8	5.9	18.3	0.58	402	183	88	62	70	58	0.093	1.83	2.19	2.193	0.509	1.113	3.80	
16	4.8	6.9	20.7	0.84	528	207	141	82	91	75	0.089	1.15	1.38	1.383	0.595	1.772	2.39	



Item	Description
1	Annealed Copper conductor
2	Insulation
3	Binding tape (if applicable)
4	Sheath