



4 Core
Circular Copper, PVC, PVC, SWA, FRPVC / LHFRPVC.

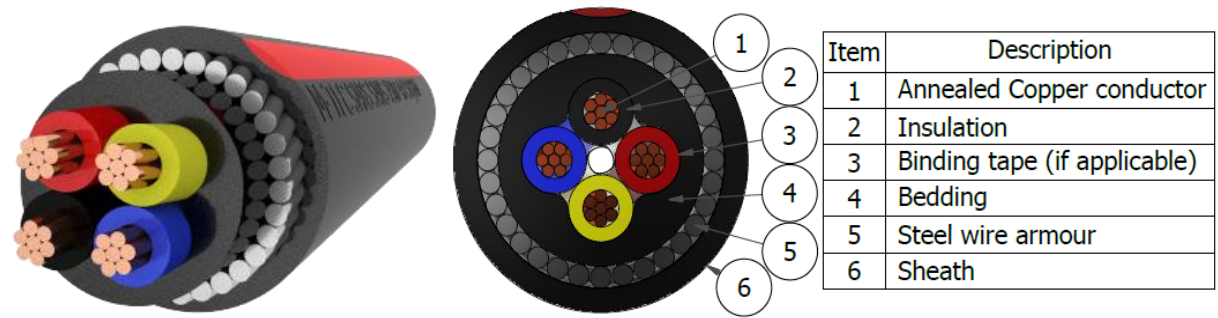
Application:
For use in power circuits of 600/1 000V earthed systems. Installed in cable trays, ducts and underground.

Voltage Rating: 600 / 1 000V

Specification: SANS 1507-3

Construction:
4 Core, Copper stranded circular conductor, PVC Insulated, PVC bedding, steel wire armoured, flame retardant PVC / Low halogen flame retardant PVC sheath.

SIZE CODE				LVCP 4x(conductor size)FR / LH 1kV															
Conductor size	Conductor diameter	Insulation diameter	Bedding diameter	Armour diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Current rating			Reactance	Resistance		Impedance	Capacitance	Short circuit ratings		Single phase volt drop
									air	ground	ducts		Ω/km	dc @ 20°C			ac @ 70°C	Ω /km	
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	kg/500m Nom.	mm min.				Ω/km	dc @ 20°C	ac @ 70°C	Ω /km	µF/km	kA (1sec)	mV/A/m	
1.5	1.6	3.2	9.8	12.3	15.4	0.51	363	154	20	24	20	0.103	12.10	14.48	14.478	0.322	0.193	1.788	25.08
2.5	2.0	3.6	10.9	13.4	16.5	0.58	402	165	26	32	26	0.103	7.41	8.87	8.867	0.371	0.315	1.925	15.36
4	2.5	4.5	13.0	15.5	18.7	0.76	491	187	36	42	34	0.104	4.61	5.52	5.517	0.378	0.506	2.269	9.56
6	3.0	5.1	14.3	16.8	20.1	0.89	554	201	45	53	43	0.098	3.08	3.69	3.687	0.427	0.762	2.476	6.39
10	3.8	5.9	16.2	18.7	22.0	1.13	676	220	62	70	58	0.092	1.83	2.19	2.192	0.515	1.274	2.819	3.80
16	4.8	6.8	19.3	21.8	25.3	1.55	884	253	82	91	75	0.088	1.15	1.38	1.379	0.619	2.027	3.301	2.39



Revision: R01 13/07/2020



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