

3 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.

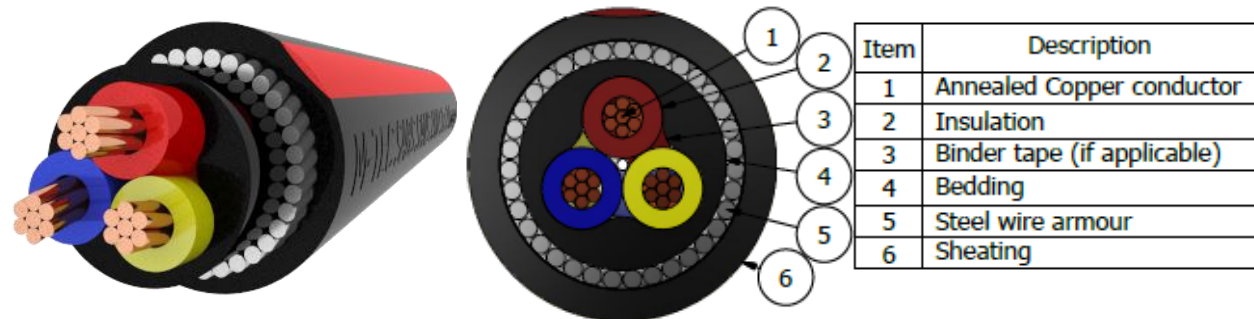
Voltage Rating: 600 / 1 000V

Specification: SANS 1507-3

Construction:

3 Core, Copper stranded circular conductor, PVC Insulated, PVC bedding, steel wire armoured, flame retardant PVC / Low halogen flame retardant PVC Sheath.

SIZE CODE				LVCP 3x(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
									Amps	air	ground		ducts	Ω/km			dc @ 20°C	ac @ 70°C	
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	500m Nom.	mm min.				Ω/km							
1.5	1.6	3.2	9.0	11.5	14.6	0.45	333	146	20	24	20	0.103	12.10	14.48	14.478	0.322	0.193	1.650	25.08
2.5	2.0	3.7	10.0	12.5	15.6	0.51	366	156	26	32	26	0.104	7.41	8.87	8.867	0.361	0.315	1.788	15.36
4	2.5	4.5	11.8	14.3	17.4	0.66	438	174	36	42	34	0.103	4.61	5.52	5.517	0.374	0.506	2.132	9.56
6	3.0	5.1	13.0	15.5	18.8	0.76	489	188	45	53	43	0.098	3.08	3.69	3.687	0.422	0.762	2.269	6.39
10	3.8	5.9	14.8	17.3	20.5	0.95	584	205	62	70	58	0.093	1.83	2.19	2.192	0.509	1.274	2.544	3.80
16	4.8	6.6	17.6	20.1	23.6	1.29	754	236	82	91	75	0.088	1.15	1.38	1.379	0.666	2.027	3.026	2.39



Revision: R01 10/07/2020



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