



4 Core

Circular Copper, PVC, PVC, SWA+ECC, FRPVC / LHFRPVC.

Application:

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

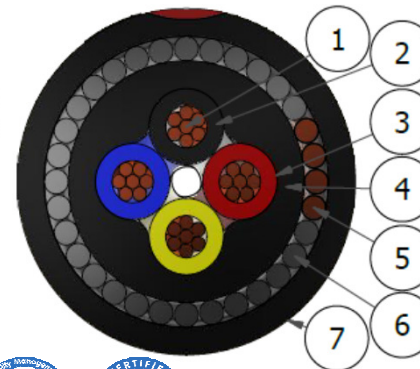
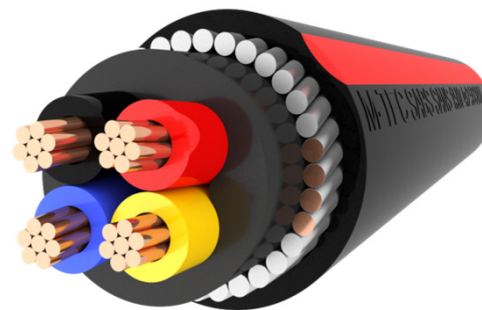
Voltage Rating: 600 / 1 000V

Specification: SANS 1507-3

Construction:

4 Core, Copper stranded circular conductor, PVC insulated, PVC bedding, steel wire armoured + earth continuity conductor, flame retardant PVC / low halogen flame retardant PVC sheath.

SIZE CODE				LVCP 4x(conductor size)FRE / LHE 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		3 Phase volt drop
									Amps				Ω/km max					Symmetrical	
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	500m Nom.	mm min.	air	ground	ducts	Ω/km	dc @ 20°C	ac @ 70°C	Ω /km	µF/km	kA (1sec)		mV/A/m
1.5	1.6	3.6	9.8	12.3	15.4	0.49	354	154	20	24	20	0.111	12.10	14.48	14.478	0.271	0.193	2.037	25.08
2.5	2.0	4.1	10.9	13.4	16.5	0.57	396	165	26	32	26	0.110	7.41	8.87	8.867	0.312	0.315	2.244	15.36
4	2.5	4.5	13.0	15.5	18.7	0.74	478	187	36	42	34	0.103	4.61	5.52	5.517	0.374	0.506	2.711	9.56
6	3.0	5.1	14.3	16.8	20.1	0.87	544	201	45	53	43	0.098	3.08	3.69	3.687	0.422	0.762	3.042	6.39
10	3.8	5.9	16.2	18.7	22.0	1.10	662	220	62	70	58	0.093	1.83	2.19	2.193	0.509	1.274	3.510	3.80
16	4.8	6.6	19.4	21.9	25.4	1.49	857	254	82	91	75	0.086	1.15	1.38	1.383	0.666	2.027	4.557	2.40



Item	Description
1	Annealed Copper conductor
2	Insulation
3	Binding tape (if applicable)
4	Bedding
5	Earth continuity conductor
6	Steel wire armour
7	Sheath

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