

32 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.

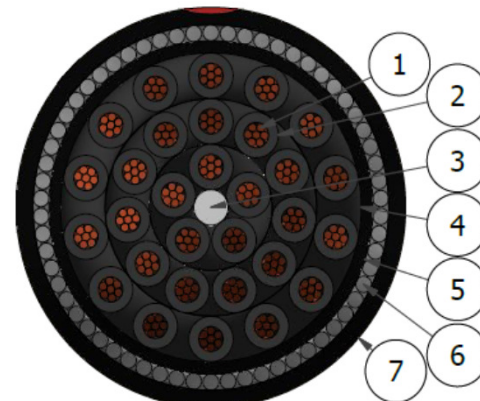
Voltage Rating: 600 / 1 000V

Construction:

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

Specification: SANS 1507-3

SIZE CODE				LVCP 32x(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 (estimate of maximum)			Reactance	Resistance		Impedance	Capacitance	Short circuit ratings		Single phase volt drop
									Amps				Ω/km max				Symmetrical	Earth fault	
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	kg/500m Nom.	mm min.	air	ground	ducts	Ω/km	dc @ 20°C	ac @ 70°C	Ω /km	μF/km	kA (1sec)		mV/A/m
2.5	2.00	3.65	27.7	30.9	35.0	2.31	1 456	350	4.2	4.4	3.6	0.103	7.410	8.866	8.867	0.369	0.315	5.810	17.73



Item	Description
1	Annealed Copper conductor
2	Insulation
3	Dummy core
4	Binding / separator tape
5	Bedding
6	Galvanized steel wire armour
7	Sheath

Revision: R00 14/10/2020

