

## Single Core

Copper, PVC insulated, AWA, FRPVC / LHFRPVC sheathed.

### Application:

For use in power circuit systems of 1.9 / 3.3kV. Installed in cable trays and ducts.

### Construction:

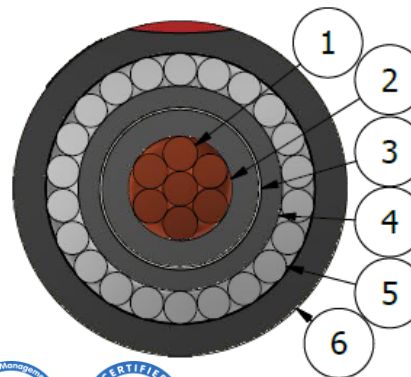
Single core, circular Copper stranded conductor, PVC insulated, PVC bedded, Aluminium wire armour, FRPVC sheath.

Voltage Rating: 1.9 / 3.3kV

Specification: SANS 1507-3

### SIZE CODE LVCPP 1x(conductor size)FR / LH AWA 3.3kV

Conductor size	Conductor diameter	Insulation diameter	Cable diameter	Cable mass	Gross mass 500m	Bending radius	Current rating (Trefoil)			Resistance $\Omega$ /km max		Reactance $\Omega$ /km	Impedance $\Omega$ /km	Capacitance $\mu$ F/km	Short circuit Symmetrical	Short circuit earth fault rating	Volt drop
							A			dc @ 20°C	ac @ 70°C						3 Phase
mm <sup>2</sup> Nom	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	kg Nom.	mm Min.	air	ground	ducts	dc @ 20°C	ac @ 70°C	$\Omega$ /km	$\Omega$ /km	$\mu$ F/km	kA (1sec)	mV/A/m	
10	3.85	8.40	15.60	0.57	378	125	58	66	54	1.83	2.19	0.154	2.195	0.285	1.09	5.12	3.80



Item	Description
1	Annealed Copper conductor
2	Insulation
3	Separator tape if applicable
4	Bedding
5	Aluminium wire armouring
6	Sheath

Revision: R00 24/07/2017