

Single Core

Copper, XLPE Insulated, AWA, FRPVC / LHFRPVC sheathed.

Application:

For use in power circuit systems of 1900 / 3300V. Installed in cable trays and ducts.

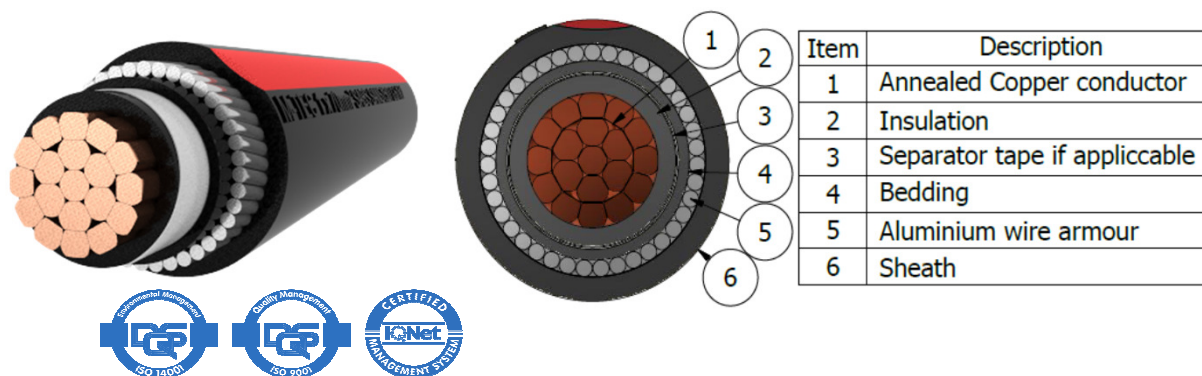
Construction:

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

Voltage rating: 1900 / 3300V

Specification: SANS 1507-4

SIZE CODE		CPX 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 Ω /km max		Reactance Ω /km	Impedance Ω /km	Capacitance μ F/km	Short circuit		Volt drop		
							air	ground	ducts	dc @ 20°C	ac @ 90°C				Symmetrical	Earth fault	Single phase	3 Phase	
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	kg Nom.	mm Min.	A								kA (1sec)	kA (1sec)	mV/A/m		
630	31.15	36.07	49.75	7.65	4 626	498	937	710	595	0.028	0.039	0.091	0.099	0.947	87.9	20.5	0.20	0.17	



Revision: R00 23/06/2022

