

Single Core

Aluminium, XLPE Silane insulated, Unarmoured, FRPVC sheathed.

Application:

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

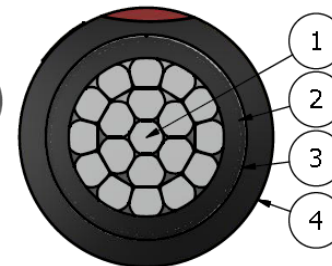
Construction:

Single core, circular Aluminium stranded conductor, XLPE silane insulated, FRPVC sheath.

Voltage Rating: 1.9 / 3.3kV

Specification: SANS 1507-4

SIZE CODE		APSXUA 1x300FR 3.3kV														
Conductor size	Conductor diameter	Insulation diameter	Cable diameter	Cable mass	Gross mass 1000m	Bending radius	Current rating		Resistance		Reactance	Impedance	Capacitance	Short circuit Symmetrical	Volt Drop	
							Trefoil		$\Omega/\text{km max}$						Single phase	3 Phase
							(A)									
mm ² Nom	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	kg Nom.	mm Min.	air	ducts	dc @ 20°C	ac @ 90°C	Ω / km	Ω / km	$\mu\text{F}/\text{km}$	kA (1sec)	(mV)/A/m	
300	21.2	25.3	29.5	1.25	1 475	236	544	435	0.10	0.21	0.083	0.221	3.341	26.28	0.20	0.36



Item	Description
1	Aluminium Conductor
2	Insulation
3	Separator Tape
4	Sheathing

Revision: R01 09/07/2020

