



### 4 Core

90° Sector shaped Aluminium, XLPE Silane, FRPVC / LHFRPVC, CE, FRPVC / LHFRPVC.

#### Application:

For use in power circuits of 600/1000V earthed systems. Installed in Cable trays, ducts and underground.

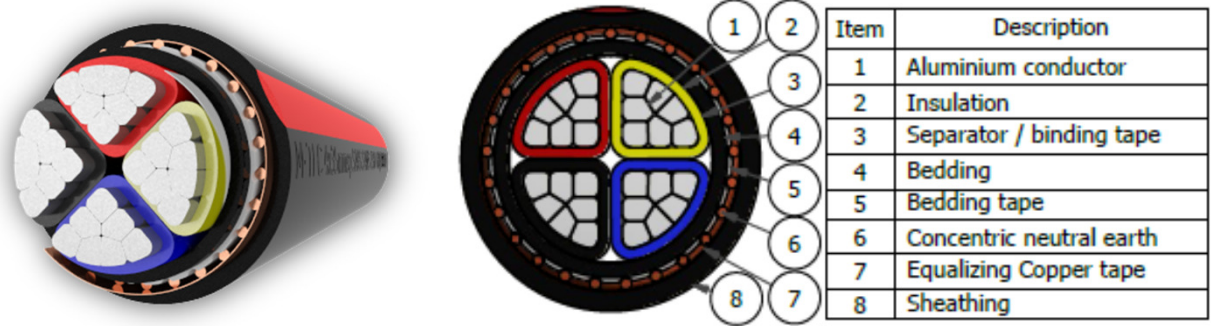
#### Construction:

4 Core, Aluminium stranded sector shaped conductor, XLPE Silane insulated, flame retardant PVC / Low halogen FRPVC bedding, Concentric Earth and flame retardant PVC / low halogen FRPVC sheath.

Voltage Rating: 600 / 1 000V

Specification: SANS 1507-4

SIZE CODE				APSX 4x(conductor size)FR / LH CE 1kV																
Conductor size	Conductor depth	Insulation depth	Bedding diameter	CWS diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Current rating			Reactance	Resistance		Impedance	Capacitance	Short circuit ratings		3 Phase volt drop	
									air	ground	ducts		Ω/km	dc @ 20°C			ac @ 90°C	Ω /km		μF/km
mm <sup>2</sup> Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	300m Nom. kg	mm min.				Ω/km								
70	9.4	11.7	30	35	43	2.0	800	426	185	186	153	0.078	0.443	0.568	0.573	0.645	5.9	6.0	0.99	
95	11.1	13.3	34	38	47	2.5	940	472	223	223	186	0.074	0.320	0.410	0.417	0.746	8.2	6.3	0.72	
120	12.5	14.9	37	42	52	2.9	1200	517	266	256	214	0.073	0.253	0.324	0.333	0.770	10.3	6.9	0.58	
150	14.0	16.8	42	47	57	3.5	1300	570	304	288	237	0.074	0.206	0.264	0.274	0.742	12.7	7.8	0.47	
185	15.6	18.8	47	51	62	4.3	1750	625	352	326	274	0.074	0.164	0.210	0.223	0.726	15.9	10.5	0.39	
240	18.9	22.3	54	59	71	5.2	2000	707	418	381	316	0.072	0.125	0.160	0.176	0.798	20.9	10.5	0.30	



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