

7 Core
Circular Copper, XLPE, FRPVC, SWA, FRPVC / LHFRPVC.

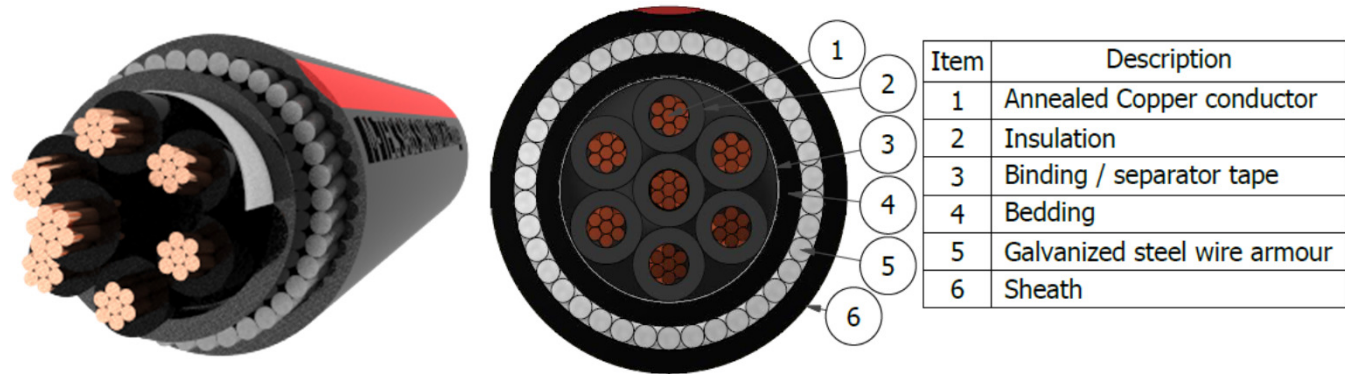
Application:
For use in power circuits of 600/1 000V earthed systems. Installed in cable trays, ducts and underground.

Construction:
7 Core, Copper stranded circular conductor, XLPE Insulated, FRPVC bedding, steel wire armoured, flame retardant PVC / Low halogen flame retardant PVC sheath.

Voltage Rating: 600 / 1 000V
Specification: SANS 1507-4

SIZE CODE LVCPX 7x(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 @ 90°C	Ω /km	µF/km	kA (1sec)		mV/A/m
2.5	2.00	3.44	12.2	14.7	17.8	0.66	451	178	20	24	16	0.103	7.410	9.449	9.449	0.410	0.270	1.980	18.90



Revision: R00 16/05/2022

