

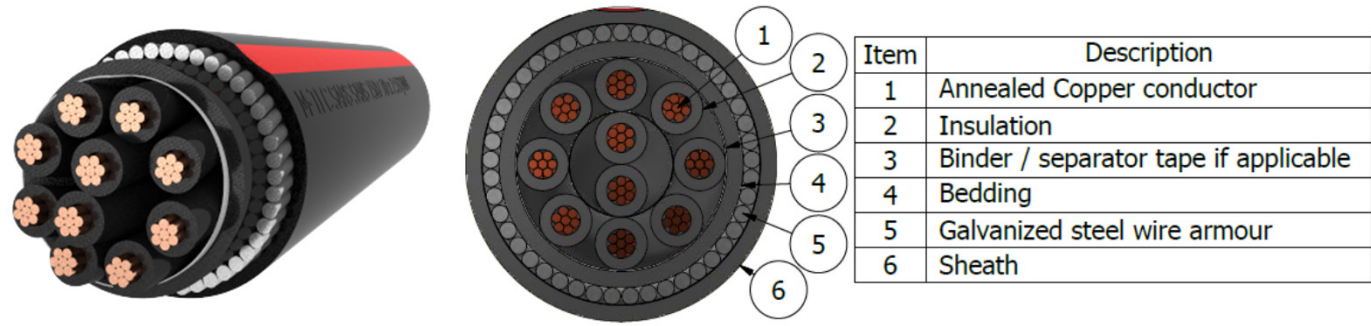
10 Core Circular Copper, XLPE, FRPVC, SWA, FRPVC / LHFRPVC.

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

Construction:
10 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 10x(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 (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	16.2	18.7	22.0	0.90	598	220	14	17	14	0.103	7.410	9.449	9.449	0.410	0.268	3.192	18.90
4	2.45	3.89	18.9	21.4	24.9	1.20	750	249	19	22	18	0.102	4.610	5.878	5.879	0.481	0.432	4.880	11.76



Revision: R00 16/05/2022