

3 Core 120° Shaped Copper, PVC, FRPVC/LHFRPVC, SWA, FRPVC/LHFRPVC.

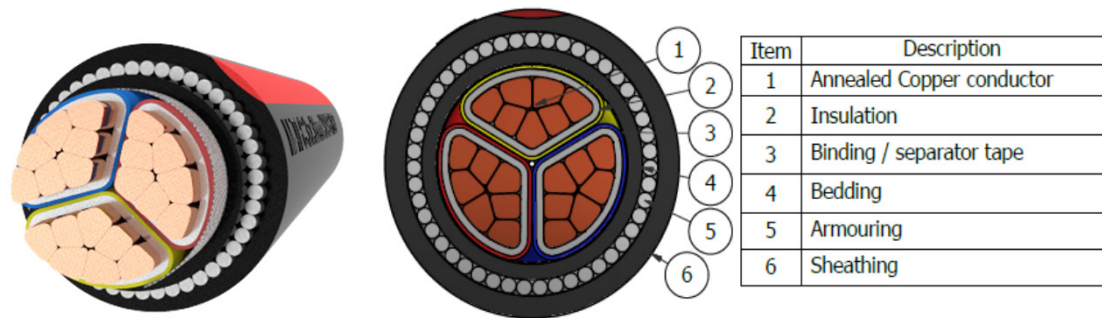
Application:
For use in power circuits of 1.9/3.3 kV earthed systems. installed in cable trays, ducts and underground.

Construction:
3 Core, Copper stranded 120° sector shaped conductor, PVC insulated, FRPVC/LHFRPVC bedding, steel wire armoured and FRPVC / LHFRPVC sheath.

Voltage Rating: 1,9/3,3 kV
Specification: SANS 1507-3

SIZE CODE CP 3X(conductor size) FR / LH 3.3kV

Conductor size	Conductor depth / diameter	Insulation depth / diameter	Bedding diameter	Armour diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Current rating			Resistance		Reactance	Impedance	Capacitance	Short circuit ratings		3 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	300m Nom.	mm min.	air	ground	ducts			dc @ 20°C	ac @ 70°C	Ω /km	Ω /km	μF/km	kA (1sec)
70	9.4	12.8	30	34.4	38	4.1	1 412	385	191	196	160	0.268	0.321	0.081	0.331	1.436	7.8	7.6	0.56
185	15.6	18.2	42	47.1	52	8.7	2 970	520	356	341	281	0.099	0.121	0.069	0.139	2.864	21.2	13.1	0.21



Revision: R00 (05/08/2021)