

30 Core

Circular Copper, PVC, PVC, SWA+ECC, FRPVC / LHFRPVC.

Application:

For use in power circuits of 600/1 000V earthed systems. Installed in Cable trays, Ducts and Underground.

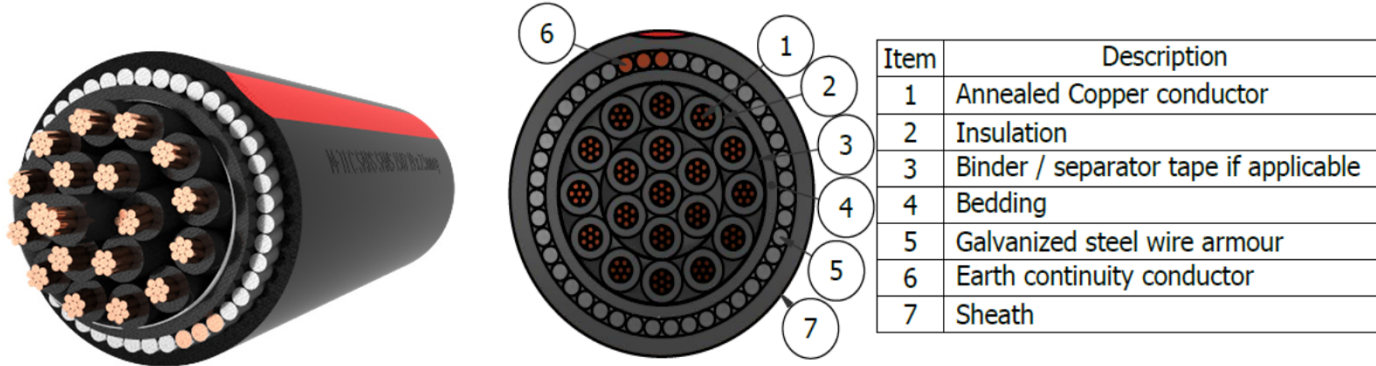
Voltage Rating: 600 / 1 000V

Specification: SANS 1507-3

Construction:

30 Core, Copper stranded circular conductor, PVC Insulated, PVC bedding, steel wire armoured, flame retardant PVC / Low halogen flame retardant PVC Sheath.

SIZE CODE				LVCP 30x(conductor size)FRE / LHE 1kV																
Conductor size	Conductor diameter	Insulation diameter	Bedding diameter	Armour diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Maximum pulling force on conductors combined	Current rating			Reactance	Resistance		Impedance	Capacitance	Short circuit ratings		Single Phase volt drop
										Amps	air	ground		ducts	Ω/km			dc @ 20°C	ac @ 70°C	
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	500m Nom.	mm min.	N	air	ground	ducts	Ω/km	dc @ 20°C	ac @ 70°C	Ω /km	μF/km	kA (1sec)	mV/A/m	
1.5	1.6	3.6	25.8	29.0	32.7	1.99	1 244	327	79	9	10	8	0.114	12.100	14.478	14.478	0.271	0.193	5.229	28.96
2.5	2.0	4.1	29.1	33.1	37.2	2.74	1 670	372	132	12	13	10	0.114	7.410	8.866	8.867	0.312	0.315	7.859	17.73



Note: Drawing for illustration purposes