

19 Core Circular Copper, PVC, FRPVC.

Application:

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

Construction:

19 Core, Copper stranded circular conductor, PVC Insulated, Flame Retardant PVC sheath.

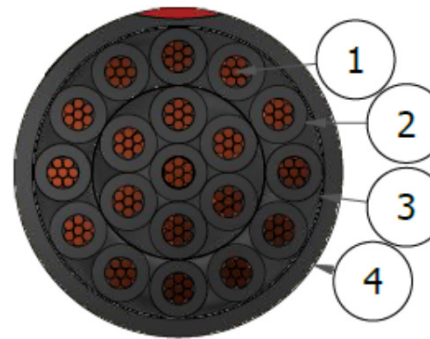
Voltage Rating: 600 / 1 000V

Specification: SANS 1507-3

SIZE CODE

LVCPUA 19X(conductor size)FR

Conductor size	Conductor diameter	Insulation diameter	Cable diameter	Cable mass	Approximate 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	
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	500m Nom.	mm min.	air	ducts	Ω/km	dc @ 20°C	ac @ 70°C	Ω /km	μF/km	kA (1sec)	mV/A/m
1.5	1.55	3.19	19.6	0.59	394	196	3.3	2.9	0.000	12.100	14.478	14.478	0.307	0.193	28.96
2.5	2.00	3.64	21.9	0.80	519	219	4.2	3.6	0.103	7.410	8.866	8.867	0.369	0.315	17.73



Item	Description
1	Annealed Copper conductor
2	Insulation
3	Binding tape (if applicable)
4	Sheath