

2 Core service cables with communication cores

Circular Copper, PVC, FRPVC.

Application:

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

Voltage Rating: 600 / 1 000V

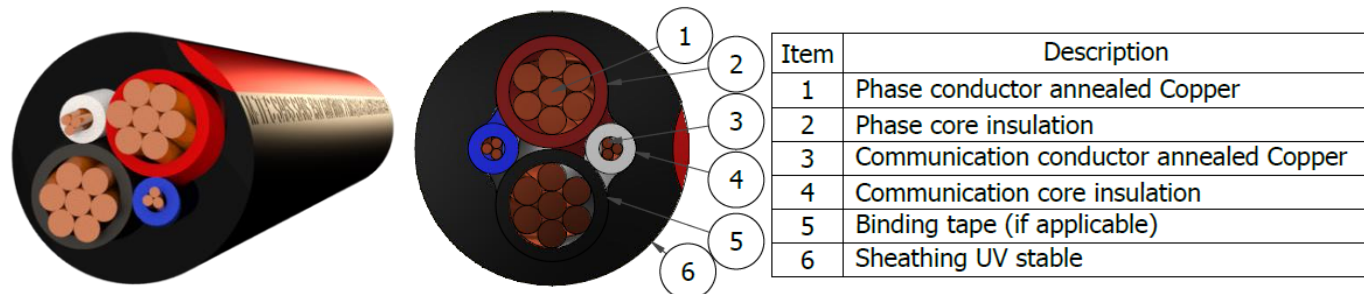
Specification: SANS 1507-3

Construction:

2 Core, Copper stranded circular conductor, PVC Insulated, flame retardant PVC sheath.

SIZE CODE				LVCPUA 2X (conductor size) +2 X 1.5 Coms FR FR													
Conductor size	Conductor diameter	Insulation diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Current rating			Reactance	Resistance		Impedance	Capacitance	Short circuit ratings	Single phase volt drop	
															Symmetrical		
							Amps				Ω/km max						kA (1sec)
mm² Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	500m Nom.	mm min.	air	ground	ducts	Ω/km	dc @ 20°C	ac @ 70°C	Ω /km	µF/km	kA (1sec)	mV/A/m	
10	3.80	5.88	15.49	0.41	314.19	154.90	62	83	68	0.09	1.83	2.19	2.19	0.51	1.09	4.38	
16	4.80	6.80	17.39	0.55	385.13	173.90	96	107	88	0.09	1.15	1.38	1.38	0.64	1.73	2.76	

Communication / pilot core's, conductor construction: 1.5mm² / 7x0.51mm.



Revision: R00 03/09/2019