

12 Core

Circular Copper, PVC, LHFRPVC.

Application:

For use in power circuits of 600/1 000V earthed systems.

Installed in cable trays, ducts and underground.

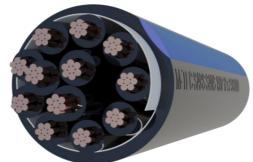
Voltage Rating: 600 / 1 000V

00V Construction:

Specification: SANS 1507-3

12 Core, Copper stranded circular conductor, PVC Insulated, Low halogen flame retardant PVC sheath.

SIZE CODE				LVCPUA 12X(conductor size)LH												
size	diameter	diameter	ter	ω.	mass	sn		Current	t					Φ	Short circuit ratings	S S
Conductor si	Conductor dian	Insulation diam	Cable diamete	Cable mass	Cable gross m	Bending radius	,	rating estimate maximun	of	Reactance	Resistance		Impedance	Capacitance	Symmetrical	Single phas volt drop
								Amps				n max				
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
1.5	1.55	3.20	17.0	0.40	302	170	3.3	3.6	2.9	0.109	12.100	14.478	14.478	0.307	0.193	28.96
2.5	2.00	3.65	18.8	0.54	418	188	4.2	4.4	3.6	0.103	7.410	8.866	8.867	0.369	0.315	17.73
4	2.45	4.50	22.4	0.82	560	224	5.9	6.0	4.9	0.102	4.610	5.516	5.517	0.366	0.506	11.03





١	Item	Description
١	1	Annealed Copper Conductor
	2	PVC insulation
)	3	Binding Tape
)	4	LHFRPVC Sheath

Revision: R00 23/10/2019







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