

VOLTAGE TEST AFTER INSTALLATION

SANS 1507: Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Voltage test after laying, jointing and terminating for cables manufactured to this standard as stipulated in Appendix C.3

Voltage test for cables after installation

After installation, the cable may, if so required, be subjected to the appropriate test voltage given in table below. The test voltage (either ac or dc) should be applied between conductors and between each conductor and the metallic protection or earthed surroundings of the cable, as appropriate; it should be increased to the full appropriate value, and maintained at this value for 15 min.

Test voltage after installation

1 Cable operating Voltage [V]	2 Where test voltage is to be applied	3 Test voltage [V]	
		a.c. (RMS)	d.c.
300 / 500	Between conductors and Conductors / earth	1 000	1 500
600 / 1000	Between conductors and Conductors / earth	2 000	3 000
1 900 / 3 300	Between conductors and Conductors / earth	6 000	9 000
		3 500	5 000

electric
african cables