

Test Certificate of Cable Spiking Test

Apparatus Medium voltage network rail power cables

Designation AI/XLPE/CWS/PE/graf-solid 19/33/36 1x185/50 mm² (metallic screen diameter of copper wire:1,2 mm)

Nominal voltage 19/33 kV; maximum voltage 36 kV; Rated frequency 50 Hz;
Rated short-circuit current of screen for 1 sec: 11 kA

Manufacturer ELKA Kabeli – Zagreb, Croatia

Tested for ELAND Cables – London, UK

Date(s) of tests **from** September 5, 2007 **to** September 5, 2007

Tested by CESI S.p.A. – Milano – ITALY

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in the reference documents, identified in this certificate, has been subjected to the series of proving tests in accordance with

**Appendix C of Network Rail specification NR/PS/ELP/00008 rev.3(2005)
and Table par. 6.1 of NG/Gn/ELP/27233 rev.1(2005)**

This Test Certificate has been issued by CESI in accordance with above mentioned Standards.

The results are shown in the record of Proving Tests and the oscillograms attached in the Test Reports. The values obtained and the general performance are considered to comply with the above Standards and to justify the ratings assigned by the Manufacturer as listed on page No.2 .

The Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

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No. of pages 2

Issue date 24 September 2007

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