

<b>STN</b>	<b>Elektrické a optické káble</b> <b>Skúšobné metódy pre nekovové materiály</b> <b>Časť 509: Mechanické skúšky</b> <b>Skúška odolnosti izolácií a plášťov proti</b> <b>popraskaniu (skúška tepelným nárazom)</b> <b>Zmena A1</b>	<b>STN</b> <b>EN 60811-509/A1</b>  34 7010
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Electric and optical fibre cables. Test methods for non-metallic materials. Part 509: Mechanical tests. Test for resistance of insulations and sheaths to cracking (heat shock test)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/18

STN EN 60811-509 z júla 2013 sa bez tejto zmeny A1 môže používať do 25.8.2020.

Obsahuje: EN 60811-509:2012/A1:2017, IEC 60811-509:2012/AMD1:2017

**126427**



EUROPEAN STANDARD

**EN 60811-509:2012/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2017

ICS 29.035.01; 29.060.20

English Version

**Electric and optical fibre cables - Test methods for non-metallic materials - Part 509: Mechanical tests - Test for resistance of insulations and sheaths to cracking (heat shock test)  
(IEC 60811-509:2012/A1:2017)**

Câbles électriques et à fibres optiques - Méthodes d'essai pour les matériaux non-métalliques - Partie 509: Essais mécaniques - Essai de résistance à la fissuration des enveloppes isolantes et des gaines (essai de choc thermique)  
(IEC 60811-509:2012/A1:2017)

Kabel, isolierte Leitungen und Glasfaserkabel - Prüfverfahren für nichtmetallene Werkstoffe - Teil 509: Mechanische Prüfungen - Prüfung der Rissbeständigkeit von Isolierhüllen und Mänteln (Wärmeschock-Prüfung)  
(IEC 60811-509:2012/A1:2017)

This amendment A1 modifies the European Standard EN 60811-509:2012; it was approved by CENELEC on 2017-08-25. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN 60811-509:2012/A1:2017****European foreword**

The text of document 20/1737/FDIS, future IEC 60811-509:2012/A1, prepared by IEC/TC 20 "Electric cables" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60811-509:2012/A1:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-05-25
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The text of the International Standard IEC 60811-509:2012/A1:2017 was approved by CENELEC as a European Standard without any modification.



IEC 60811-509

Edition 1.0 2017-07

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

AMENDMENT 1  
AMENDEMENT 1

**Electric and optical fibre cables – Test methods for non-metallic materials –  
Part 509: Mechanical tests – Test for resistance of insulations and sheaths to  
cracking (heat shock test)**

**Câbles électriques et à fibres optiques – Méthodes d’essai pour les matériaux  
non-métalliques –  
Partie 509: Essais mécaniques – Essai de résistance à la fissuration des  
enveloppes isolantes et des gaines (essai de choc thermique)**





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IEC Central Office  
3, rue de Varembe  
CH-1211 Geneva 20  
Switzerland

Tel.: +41 22 919 02 11  
Fax: +41 22 919 03 00  
[info@iec.ch](mailto:info@iec.ch)  
[www.iec.ch](http://www.iec.ch)

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## FOREWORD

This amendment has been prepared by IEC technical committee 20: Electric cables.

The text of this amendment is based on the following documents:

FDIS	Report on voting
20/1737/FDIS	20/1744/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
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- replaced by a revised edition, or
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