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**Električni in optični kabli - Preskuševalne metode za nekovinske materiale - 503.**  
**del: Mehanski preskusi - Preskus skrčenja plaščev**

Electric and optical fibre cables - Test methods for non-metallic materials - Part 503:  
Mechanical tests - Shrinkage test for sheaths

Kabel, isolierte Leitungen und Glasfaserkabel - Prüfverfahren für nichtmetallene  
Werkstoffe - Teil 503: Mechanische Prüfungen - Schrumpfungsprüfung für Mäntel

Câbles électriques et câbles à fibres optiques - Méthodes d'essai pour les matériaux non  
-métalliques - Partie 503: Essais mécaniques - Essai de rétraction des gaines

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**Ta slovenski standard je istoveten z: EN 60811-503:2012**

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**ICS:**

29.035.01	Izolacijski materiali na splošno	Insulating materials in general
29.060.20	Kabli	Cables

**SIST EN 60811-503:2012****en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60811-503**

June 2012

ICS 29.035.01; 29.060.20

Supersedes EN 60811-1-3:1995 (partially) + A1:2001 (partially)

English version

**Electric and optical fibre cables -  
Test methods for non-metallic materials -  
Part 503: Mechanical tests -  
Shrinkage test for sheaths  
(IEC 60811-503:2012)**

Câbles électriques et à fibres optiques -  
Méthodes d'essai pour les matériaux  
non-métalliques -  
Partie 503: Essais mécaniques -  
Essai de rétraction des gaines  
(CEI 60811-503:2012)

Kabel, isolierte Leitungen  
und Glasfaserkabel -  
Prüfverfahren für nichtmetallene  
Werkstoffe -  
Teil 503: Mechanische Prüfungen -  
Schrumpfungsprüfung für Mäntel  
(IEC 60811-503:2012)

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SIST EN 60811-503:2012

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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**CENELEC**

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 20/1299/FDIS, future edition 1 of IEC 60811-503, prepared by IEC/TC 20 "Electric cables" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60811-503:2012.

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) 2013-01-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-04-17

This document supersedes Clause 11 of EN 60811-1-3:1995 + A1:2001 (partially). Full details of the replacements are shown in Annex A of EN 60811-100:2012.

There are no technical changes with respect to EN 60811-1-3:1995, but see the Foreword to EN 60811-100.

This standard is to be read in conjunction with EN 60811-100.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

## Endorsement notice

The text of the International Standard IEC 60811-503:2012 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated :

IEC 60811-1-3:1993      NOTE      Harmonized as EN 60811-1-3:1995 (not modified).

## **Annex ZA** (normative)

### **Normative references to international publications with their corresponding European publications**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60811-100	2012	Electric and optical fibre cables - Test methods for non-metallic materials - Part 100: General	EN 60811-100	2012

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IEC 60811-503

Edition 1.0 2012-03

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Electric and optical fibre cables – Test methods for non-metallic materials –  
Part 503: Mechanical tests – Shrinkage test for sheaths**

**Câbles électriques et à fibres optiques – Méthodes d'essai pour les matériaux  
non-métalliques –  
Partie 503: Essais mécaniques – Essai de rétraction des gaines**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**ELECTRIC AND OPTICAL FIBRE CABLES –  
TEST METHODS FOR NON-METALLIC MATERIALS –**
**Part 503: Mechanical tests –  
Shrinkage test for sheaths**

## FOREWORD

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International Standard IEC 60811-503 has been prepared by IEC technical committee 20: Electrical cables.

This Part 503 of IEC 60811 cancels and replaces Clause 11 of IEC 60811-1-3:1993, which is withdrawn. Full details of the replacements are shown in Annex A of IEC 60811-100:2012.

There are no specific technical changes with respect to the previous edition, but see the Foreword to IEC 60811-100: 2012.