



# SLOVENSKI STANDARD SIST EN 61300-2-37:2007

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Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 2-37: Tests - Cable bending for fibre optic closures (IEC 61300-2-37:2006)

**iTeh STANDARD PREVIEW**  
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Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren - Teil 2-37: Prüfungen - Kabelbiegung bei Muffen (IEC 61300-2-37:2006)

[SIST EN 61300-2-37:2007](https://standards.iteh.ai/catalog/standards/sist/72f2a91f-1b66-468f-b154-composants-passifs-a-fibres-optiques)

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Dispositifs d'interconnexion et composants passifs a fibres optiques - Méthodes fondamentales d'essais et de mesures -- Partie 2-37: Essais - Efforts de flexion sur le câble pour les boîtiers de fibres optiques (IEC 61300-2-37:2006)

**Ta slovenski standard je istoveten z: EN 61300-2-37:2007**

**ICS:**

33.180.20 Ú[ ç^: [ çæ] ^ Á æ | æ ^ Á æ Fibre optic interconnecting devices [ ] cã } æ ç | æ } æ

**SIST EN 61300-2-37:2007 en,fr**

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English version

**Fibre optic interconnecting devices and passive components -  
Basic test and measurement procedures -  
Part 2-37: Tests -  
Cable bending for fibre optic closures  
(IEC 61300-2-37:2006)**

Dispositifs d'interconnexion  
et composants passifs à fibres optiques -  
Méthodes fondamentales d'essais  
et de mesures -  
Partie 2-37: Essais -  
Efforts de flexion sur le câble  
pour les boîtiers de fibres optiques  
(CEI 61300-2-37:2006)

Lichtwellenleiter -  
Verbindungselemente  
und passive Bauteile -  
Grundlegende Prüf- und Messverfahren -  
Teil 2-37: Prüfungen -  
Kabelbiegung bei Muffen  
(IEC 61300-2-37:2006)

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This European Standard was approved by CENELEC on 2006-11-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 86B/2366/FDIS, future edition 2 of IEC 61300-2-37, prepared by SC 86B, Fibre optic interconnecting devices and passive components, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61300-2-37 on 2006-11-01.

This European Standard supersedes EN 61300-2-37:1997.

Specific technical changes from EN 61300-2-37:1997 include tests on functions of the closure to protect, secure and store passive fibre optic components (splices, connectors, branching devices) when the cable entering or exiting fibre optic closure is subjected to bending.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2007-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-11-01

Annex ZA has been added by CENELEC.

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## iTeh STANDARD PREVIEW

### Endorsement notice

The text of the International Standard IEC 61300-2-37:2006 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 61300-2-23      NOTE Harmonized as EN 61300-2-23:1997 (not modified).

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## Annex ZA (normative)

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

The following referenced documents are indispensable for the application of this document. 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 61300-1	- <sup>1)</sup>	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance	EN 61300-1	2003 <sup>2)</sup>
IEC 61300-2-38	- <sup>1)</sup>	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-38: Tests - Sealing for pressurized fibre optic closures	EN 61300-2-38	2006 <sup>2)</sup>
IEC 61300-3-1	- <sup>1)</sup>	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-1: Examinations and measurements - Visual examination	EN 61300-3-1	2005 <sup>2)</sup>
IEC 61300-3-3	- <sup>1)</sup>	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-3: Examinations and measurements - Active monitoring of changes in attenuation and return loss	EN 61300-3-3	2003 <sup>2)</sup>
IEC 61300-3-28	- <sup>1)</sup>	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-28: Examinations and measurements - Transient loss	EN 61300-3-28	2002 <sup>2)</sup>

<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

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61300-2-37

Deuxième édition  
Second edition  
2006-10

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**Dispositifs d'interconnexion et  
composants passifs à fibres optiques –  
Méthodes fondamentales d'essais et de mesures –**

**Partie 2-37:**

**Essais –  
Efforts de flexion sur le câble pour  
les boîtiers de fibres optiques**

[SIST EN 61300-2-37:2007](https://standards.iteh.ai/catalog/standards/sist/72f2a91f-1b66-468f-b154-399200680165/iec-61300-2-37-2006)

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**Fibre optic interconnecting  
devices and passive components –  
Basic test and measurement procedures –**

**Part 2-37:**

**Tests –  
Cable bending for fibre optic closures**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES  
AND PASSIVE COMPONENTS –  
BASIC TEST AND MEASUREMENT PROCEDURES –****Part 2-37: Tests – Cable bending for fibre optic closures**

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61300-2-37 has been prepared by sub-committee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 1995. It constitutes a technical revision. Specific technical changes from the first edition include tests on functions of the closure to protect, secure and store passive fibre optic components (splices, connectors, branching devices) when the cable entering or exiting fibre optic closure is subjected to bending.