



**SLOVENSKI STANDARD**  
**SIST EN 61300-2-42:2014**  
**01-september-2014**

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**Optični spojni elementi in pasivne komponente - Osnovni preskusni in merilni postopki - 2-42. del: Preskusi - Statična bočna obremenitev za razbremenilno sponko (IEC 61300-2-42:2014)**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-42: Tests - Static side load for strain relief

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Ta slovenski standard je istoveten z: **EN 61300-2-42:2014**

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**ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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EUROPEAN STANDARD

**EN 61300-2-42**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2014

ICS 33.180.20

Supersedes EN 61300-2-42:2005

English Version

**Fibre optic interconnecting devices and passive components -  
Basic test and measurement procedures - Part 2-42: Tests -  
Static side load for strain relief  
(IEC 61300-2-42:2014)**

Dispositifs d'interconnexion et composants passifs à fibres optiques - Procédures fondamentales d'essais et de mesures - Partie 2-42: Essais - Charge latérale statique pour serre-câble  
(CEI 61300-2-42:2014)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren - Teil 2-42: Prüfungen - Statische Seitenlast für die Zugentlastung  
(IEC 61300-2-42:2014)

This European Standard was approved by CENELEC on 2014-03-13. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

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

## Foreword

The text of document 86B/3699/FDIS, future edition 3 of IEC 61300-2-42, 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 approved by CENELEC as EN 61300-2-42:2014.

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) 2014-12-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-03-13

This document supersedes EN 61300-2-42:2005.

EN 61300-2-42:2014 includes the following significant technical changes with respect to EN 61300-2-42:2005:

- modification of the severity according to cable configurations.

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https://standards.iteh.ai/catalog/standards/sist/9eeddde2-23c7-41eb-b9ed-2c3f322d390f/sist-en-61300-2-42-2014](https://standards.iteh.ai/catalog/standards/sist/9eeddde2-23c7-41eb-b9ed-2c3f322d390f/sist-en-61300-2-42-2014)

## Endorsement notice

The text of the International Standard IEC 61300-2-42:2014 was approved by CENELEC as a European Standard without any modification.

## 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 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61300-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 1: General and guidance	EN 61300-1	-
IEC 61300-3-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-1: Examinations and measurements - Visual examination	EN 61300-3-1	-
IEC 61300-3-3	-	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	-
IEC 61300-3-4	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-4: Examinations and measurements - Attenuation	EN 61300-3-4	-

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IEC 61300-2-42

Edition 3.0 2014-02

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –  
Part 2-42: Tests – Static side load for strain relief**

**Dispositifs d'interconnexion et composants passifs à fibres optiques –  
Procédures fondamentales d'essais et de mesures –  
Partie 2-42: Essais – Charge latérale statique pour serre-câble**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING  
DEVICES AND PASSIVE COMPONENTS –  
BASIC TEST AND MEASUREMENT PROCEDURES –**

**Part 2-42: Tests – Static side load for strain relief**

## FOREWORD

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International Standard IEC 61300-2-42 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This third edition cancels and replaces the second edition published in 2005 and constitutes a technical revision.

This edition includes the following significant technical change with respect to the previous edition:

- modification of the severity according to cable configurations.