

# SLOVENSKI STANDARD

## SIST EN 61300-3-14:2015

01-april-2015

Nadomešča:

SIST EN 61300-3-14:2007

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**Optični spojni elementi in pasivne komponente - Osnovni preskusni in merilni postopki - 3-14. del: Preiskave in meritve - Pogrešek in ponovljivost nastavitvev slabljenja spremenljivega atenuatorja (IEC 61300-3-14:2014)**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-14: Examinations and measurements - Error and repeatability of the attenuation settings of a variable optical attenuator (IEC 61300-3-14:2014)

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Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren - Teil 3-14: Untersuchungen und Messungen - Abweichung und Reproduzierbarkeit der Einstellung eines einstellbaren optischen Dämpfungsgliedes (IEC 61300-3-14:2014)

Dispositifs d'interconnexion et composants passifs à fibres optiques - Procédures fondamentales d'essais et de mesures - Partie 3-14: Examens et mesures - Erreur et répétabilité des positions d'affaiblissement d'un affaiblisseur optique variable (CEI 61300-3-14:2014)

**Ta slovenski standard je istoveten z: EN 61300-3-14:2014**

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**ICS:**

|           |                                       |                                     |
|-----------|---------------------------------------|-------------------------------------|
| 33.180.20 | Povezovalne naprave za optična vlakna | Fibre optic interconnecting devices |
|-----------|---------------------------------------|-------------------------------------|

**SIST EN 61300-3-14:2015**

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EUROPEAN STANDARD

**EN 61300-3-14**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2014

ICS 33.180.20

Supersedes EN 61300-3-14:2007

English Version

**Fibre optic interconnecting devices and passive components -  
Basic test and measurement procedures -  
Part 3-14: Examinations and measurements - Error and  
repeatability of the attenuation settings of a variable optical  
attenuator  
(IEC 61300-3-14:2014)**

Dispositifs d'interconnexion et composants passifs à fibres  
optiques - Procédures fondamentales d'essais et de  
mesures - Partie 3-14: Examens et mesures - Erreur et  
répétabilité des positions d'affaiblissement d'un affaiblisseur  
optique variable  
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Lichtwellenleiter - Verbindungselemente und passive  
Bauteile - Grundlegende Prüf- und Messverfahren -  
Teil 3-14: Untersuchungen und Messungen - Abweichung  
und Reproduzierbarkeit der Einstellung eines einstellbaren  
optischen Dämpfungsgliedes  
(IEC 61300-3-14:2014)

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This European Standard was approved by CENELEC on 2014-11-14. 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.

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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/3816/FDIS, future edition 3 of IEC 61300-3-14, 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 61300-3-14:2014.

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) 2015-08-14
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-11-14

This document supersedes EN 61300-3-14:2007.

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## 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 61300-3-4      | -           | 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 61300-3-14

Edition 3.0 2014-10

# INTERNATIONAL STANDARD

**Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –  
Part 3-14: Examinations and measurements – Error and repeatability of the attenuation settings of a variable optical attenuator**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

**Part 3-14: Examinations and measurements –  
Error and repeatability of the attenuation settings  
of a variable optical attenuator**

## FOREWORD

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International Standard IEC 61300-3-14 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 2006 and constitutes a technical revision

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

- a) title modification replacing the word "accuracy" by "error";
- b) inclusion of the distinction of manually and electrically controlled variable optical attenuators in the Scope;