



SLOVENSKI STANDARD

SIST EN 61300-2-43:2014

01-december-2014

Nadomešča:

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Optični spojni elementi in pasivne komponente - Osnovni preskusni in merilni postopki - 2-43. del: Preskusi - Presejalno preskušanje povratnih izgub za enorodovne optične konektorje PC (IEC 61300-2-43:2014)

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-43: Tests - Screen testing of return loss of single mode PC optical fibre connectors

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Ta slovenski standard je istoveten z: EN 61300-2-43:2014

ICS:

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

EN 61300-2-43

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2014

ICS 33.180.20

Supersedes EN 61300-2-43:1999

English Version

**Fibre optic interconnecting devices and passive components -
Basic test and measurement procedures - Part 2-43: Tests -
Screen testing of return loss of single-mode PC optical fibre
connectors
(IEC 61300-2-43:2014)**

Dispositifs d'interconnexion et composants passifs à fibres optiques - Procédures fondamentales d'essais et de mesures - Partie 2-43: Essais - Sélection des connecteurs PC pour fibres optiques unimodales en fonction de leur affaiblissement de réflexion (CEI 61300-2-43:2014)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren - Teil 2-43: Prüfungen - Verfahren zur Sortierprüfung von Einmoden-PC-LWL-Steckverbindern in Abhängigkeit von der Rückflussdämpfung (IEC 61300-2-43:2014)

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This European Standard was approved by CENELEC on 2014-07-24. 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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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/3669/CDV, future edition 2 of IEC 61300-2-43, 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 61300-2-43:2014.

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) 2015-04-24
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-07-24

This document supersedes EN 61300-2-43:1999.

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.

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Endorsement notice

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The text of the International Standard IEC 61300-2-43:2014 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 61300-1

NOTE

Harmonized as EN 61300-1.

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61300-3-6	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-6: Examinations and measurements - Return loss	EN 61300-3-6	-

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IEC 61300-2-43

Edition 2.0 2014-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –
Part 2-43: Tests – Screen testing of return loss of single-mode PC optical fibre connectors**

[SIST EN 61300-2-43:2014](https://standards.iteh.ai/catalog/standards/sist/02613772-e454-4b2f-931c-75574e23551c/sist-en-61300-2-43-2014)

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**Dispositifs d'interconnexion et composants passifs à fibres optiques –
Procédures fondamentales d'essais et de mesures –
Partie 2-43: Essais – Sélection des connecteurs PC pour fibres optiques
unimodales en fonction de leur affaiblissement de réflexion**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES
AND PASSIVE COMPONENTS –
BASIC TEST AND MEASUREMENT PROCEDURES –****Part 2-43: Tests – Screen testing of return loss of
single-mode PC optical fibre connectors**

FOREWORD

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International Standard IEC 61300-3-43 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This second edition of IEC 61300-3-43 cancels and replaces the first edition published in 1999 and constitutes a technical revision.

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

- a) revision of the scope;
- b) revision of the procedure;
- c) addition of measurement uncertainty into the 'Details to be specified';
- d) addition of a bibliography.