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**Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-43: Tests - Screen testing of return loss single mode PC optical fibre connectors (IEC 61300-2-43:1999)**

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

**iTeh STANDARD PREVIEW**

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 Rückstreuämpfung

[SIST EN 61300-2-43:2001](https://standards.iteh.ai/catalog/standards/sist/e3308cb5-d7c1-4e73-a798-2022-02-01-61300-2-43)

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Dispositifs d'interconnexion et composants passifs à fibres optiques - Méthodes fondamentales d'essais et de mesures -- Partie 2-43: Essais - Sélection des connecteurs PC pour fibres optiques monomodes en fonction de leur puissance réfléchie

**Ta slovenski standard je istoveten z: EN 61300-2-43:1999**

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**ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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**SIST EN 61300-2-43:2001****en**

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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 61300-2-43:1999)**

Dispositifs d'interconnexion et  
composants passifs à fibres optiques  
Méthodes fondamentales d'essais et  
de mesures  
Partie 2-43: Essais - Sélection des  
connecteurs PC pour fibres optiques  
monomodes en fonction de leur  
puissance réfléchie  
(CEI 61300-2-43:1999)

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  
Rückstreuämpfung  
(IEC 61300-2-43:1999)

This European Standard was approved by CENELEC on 1999-10-01. 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.

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CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and 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/1215/FDIS, future edition 1 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 was approved by CENELEC as EN 61300-2-43 on 1999-10-01.

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) 2000-07-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2002-10-01

Annexes designated "normative" are part of the body of the standard.  
Annexes designated "informative" are given for information only.  
In this standard, annex ZA is normative and annex A is informative.  
Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 61300-2-43:1999 was approved by CENELEC as a European Standard without any modification.

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**Annex ZA** (normative)

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

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 61300-3-6	1997	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-6: Examinations and measurements Return loss	EN 61300-3-6	1997

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1999-08

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

**Partie 2-43:**

**Essais – Sélection des connecteurs PC  
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**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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International Electrotechnical Commission  
Международная Электротехническая Комиссия

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For price, see current catalogue*

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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

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the 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, the IEC publishes International Standards. 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. The 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 61300-2-43 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

The text of this standard is based on the following documents:

FDIS	Report on voting
86B/1215/FDIS	86B/1252/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

IEC 61300 consists of the following parts, under the general title *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures*:

- part 1 : General and guidance
- part 2 : Tests
- part 3 : Examinations and measurements

Annex A is for information only.