



SLOVENSKI STANDARD SIST EN 61300-2-40:2002

01-september-2002

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-40: Tests - Screen testing of attenuation of single-mode tuned angled optical connectors (IEC 61300-2-40:2000)

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 2-40: Tests - Screen testing of attenuation of single-mode tuned angled optical connectors

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Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren -- Teil 2-40: Prüfungen - Sortierprüfverfahren für die Dämpfung von abgestimmten schräg angeschliffenen Einmoden-LWL-Steckverbindern

[SIST EN 61300-2-40:2002](https://standards.iteh.ai/catalog/standards/sist/2528731d-53ec-4444-b97f-202002000000)

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Dispositifs d'interconnexion et composants passifs à fibres optiques - Méthodes fondamentales d'essais et de mesures -- Partie 2-40: Essais - Tri par mesure de l'affaiblissement des connecteurs pour fibres optiques monomodales angulaires de type accordé

Ta slovenski standard je istoveten z: EN 61300-2-40:2000

ICS:

33.180.20 Ú[ç^: [çæ) ^Á æ |æ^Á æ Fibre optic interconnecting devices
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SIST EN 61300-2-40:2002

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EUROPEAN STANDARD

EN 61300-2-40

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2000

ICS 33.180.20

English version

**Fibre optic interconnecting devices and passive components –
Basic test and measurement procedures
Part 2-40: Tests - Screen testing of attenuation of
single-mode tuned angled optical connectors
(IEC 61300-2-40:2000)**

Dispositifs d'interconnexion et composants passifs à fibres optiques - Méthodes fondamentales d'essais et de mesures
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(CEI 61300-2-40:2000)

Lichtwellenleiter - Verbindungselemente und passive Bauteile -
Grundlegende Prüf- und Messverfahren
Teil 2-40: Prüfungen - Sortierprüfverfahren für die Dämpfung von abgestimmten schräg angeschliffenen Einmoden-LWL-Steckverbindern
(IEC 61300-2-40:2000)

[SIST EN 61300-2-40:2002](https://standards.iteh.ai/catalog/standards/sist/2528731d-53ec-4444-b97f-22a1-2000/iec-61300-2-40-2002)

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This European Standard was approved by CENELEC on 2000-11-01. 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, 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/1325/FDIS, future edition 1 of IEC 61300-2-40, 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 61300-2-40 on 2000-11-01.

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) 2001-08-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2003-11-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61300-2-40:2000 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 61300-3-4	1998	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-4: Examination and measurements - Attenuation	EN 61300-3-4	1998

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

61300-2-40

Première édition
First edition
2000-07

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

Partie 2-40:

**Essais – Tri par mesure de l'affaiblissement des
connecteurs pour fibres optiques monomodales
angulaires de type accordé**

[SIST EN 61300-2-40:2002](https://standards.iteh.ai/catalog/standards/sist/2528731d-53ec-4444-b97f-22713611274c/iec-61300-2-40-2002)

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

Part 2-40:

**Tests – Screen testing of attenuation of single-
mode tuned angled optical connectors**

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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 2-40: Tests – Screen testing of attenuation
of single-mode tuned angled optical 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 61300-2-40 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/1325/FDIS	86B/1373/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