
Povezovalne naprave in pasivne komponente optičnih vlaken – Postopki osnovnega preskušanja in merjenja – 2-1. del: Testi - Vibracija (sinusoidna) (IEC 61300-2-1:2003)*

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-1: Tests - Vibration (sinusoidal) (IEC 61300-2-1:2003)

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English version

**Fibre optic interconnecting devices and passive components –
Basic test and measurement procedures
Part 2-1: Tests -
Vibration (sinusoidal)
(IEC 61300-2-1:2003)**

Dispositifs d'interconnexion
et composants passifs à fibres optiques -
Méthodes fondamentales d'essais
et de mesures
Partie 2-1: Essais -
Vibrations (sinusoïdales)
(CEI 61300-2-1:2003)

Lichtwellenleiter-Verbindungselemente
und passive Bauteile -
Grundlegende Prüf- und Messverfahren
Teil 2-1: Prüfungen -
Schwingprüfung (sinusförmig)
(IEC 61300-2-1:2003)

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This European Standard was approved by CENELEC on 2002-12-01. 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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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/1745/FDIS, future edition 2 of IEC 61300-2-1, 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 61300-2-1 on 2002-12-01.

This European Standard supersedes EN 61300-2-1:1997.

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) 2003-10-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2005-12-01

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 61300-2-1:2003 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 60068-2-6	- ¹⁾	Environmental testing Part 2: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	1995 ²⁾
IEC 61300-1	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 1: General and guidance	EN 61300-1	1997 ²⁾
IEC 61300-3-1	- ¹⁾	Part 3-1: Examinations and measurements - Visual examination	EN 61300-3-1	1997 ²⁾
IEC 61300-3-3	- ¹⁾	Part 3-3: Examinations and measurements - Monitoring change in attenuation and in return loss (multiple paths)	EN 61300-3-3	1997 ²⁾
IEC 61300-3-4	- ¹⁾	Part 3-4: Examinations and measurements - Attenuation	EN 61300-3-4	2001 ²⁾
IEC 61300-3-6	- ¹⁾	Part 3-6: Examinations and measurements - Return loss	EN 61300-3-6	1997 ²⁾
IEC 61300-3-28	- ¹⁾	Part 3-28: Examinations and measurements - Transient loss	EN 61300-3-28	2002 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

61300-2-1

Deuxième édition
Second edition
2003-01

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

**Partie 2-1:
Essais – Vibrations (sinusoïdales)**

(standards.iteh.ai)

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

**Part 2-1:
Tests – Vibration (sinusoidal)**

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International Electrotechnical Commission, 3, rue de Varembe, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES
AND PASSIVE COMPONENTS –
BASIC TEST AND MEASUREMENT PROCEDURES –****Part 2-1: Tests – Vibration (sinusoidal)**

FOREWORD

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International Standard IEC 61300-2-1 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 61300-2-1 replaces and cancels the first edition published in 1995. It constitutes a technical revision.

This bilingual version (2004-01) replaces the English version.

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

FDIS	Report on voting
86B/1745/FDIS	86B/1771/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 2.

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

The committee has decided that the contents of this publication will remain unchanged until 2006. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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The French version of this standard has not been voted upon.

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The contents of the corrigendum of April 2004 have been included in this copy.