



SLOVENSKI STANDARD SIST EN 61753-101-2:2007

01-september-2007

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Fibre optic interconnecting devices and passive components performance standard --
Part 101-2: Fibre management systems for category C - Controlled environment (IEC
61753-101-2:2006)

iTeh STANDARD PREVIEW
(standards@iteh.ai)
Lichtwellenleiter - Verbindungselemente und passive Bauteile - Betriebsverhalten - Teil
101-2: Einzelfasermanagementsysteme für die Kategorie C - Geregelte Umgebung (IEC
61753-101-2:2006)

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Norme de qualité de fonctionnement des dispositifs d'interconnexion et composants
passifs a fibres optiques -- Partie 101-2: Systemes de gestion de fibres pour la Catégorie
C - Environnement contrôlé (IEC 61753-101-2:2006)

Ta slovenski standard je istoveten z: EN 61753-101-2:2006

ICS:

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SIST EN 61753-101-2:2007 en,fr,de

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**Fibre optic interconnecting devices
and passive components performance standard
Part 101-2: Fibre management systems for category C -
Controlled environment
(IEC 61753-101-2:2006)**

Norme de qualité de fonctionnement
des dispositifs d'interconnexion et
composants passifs à fibres optiques
Partie 101-2: Systèmes de gestion
de fibres pour la Catégorie C -
Environnement contrôlé
(CEI 61753-101-2:2006)

Lichtwellenleiter -
Verbindungselemente
und passive Bauteile -
Betriebsverhalten
Teil 101-2:
Einzelfasermanagementsysteme
für die Kategorie C -
Geregelte Umgebung
(IEC 61753-101-2:2006)

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This European Standard was approved by CENELEC on 2006-10-01. 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

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/2348/FDIS, future edition 1 of IEC 61753-101-2, 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 61753-101-2 on 2006-10-01.

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) 2007-07-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-10-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61753-101-2:2006 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60068-1	NOTE	Harmonized as EN 60068-1:1994 (not modified).
IEC 60332	NOTE	Harmonized as EN 60332 (series) (not modified).
IEC 60794-2	NOTE	Harmonized as EN 60794-2:2003 (not modified).
IEC 60794-3	NOTE	Harmonized as EN 60794-3:2002 (not modified).
IEC 61300	NOTE	Harmonized as EN 61300 (series) (not modified).
IEC 62005	NOTE	Harmonized as EN 62005 (series) (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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 60068-2-64	- ¹⁾	Environmental testing Part 2: Test methods - Test Fh: Vibration, broad-band random (digital control) and guidance	EN 60068-2-64	1994 ²⁾
IEC 60721-3-1	- ¹⁾	Classification of environmental conditions Part 3: Classification of groups of environmental parameters and their severities - Section 1: Storage	EN 60721-3-1	1997 ²⁾
IEC 60721-3-2	- ¹⁾	Classification of environmental conditions Part 3: Classification of groups of environmental parameters and their severities - Section 2: Transportation	EN 60721-3-2	1997 ²⁾
IEC 60793-2-50	- ¹⁾	Optical fibres Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50 + corr. July	2004 ²⁾ 2004
IEC 61300-1	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 1: General and guidance	EN 61300-1	2003 ²⁾
IEC 61300-2-1	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-1: Tests - Vibration (sinusoidal)	EN 61300-2-1	2003 ²⁾
IEC 61300-2-4	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-4: Tests - Fibre/cable retention	EN 61300-2-4	1997 ²⁾
IEC 61300-2-9	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-9: Tests - Shock	EN 61300-2-9	1997 ²⁾
IEC 61300-2-12	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-12: Tests - Impact	EN 61300-2-12	2005 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61300-2-17	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-17: Tests - Cold	EN 61300-2-17	2003 ²⁾
IEC 61300-2-18	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-18: Tests - Dry heat - High temperature endurance	EN 61300-2-18	2005 ²⁾
IEC 61300-2-19	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-19: Tests - Damp heat (steady state)	EN 61300-2-19	2005 ²⁾
IEC 61300-2-22	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-22: Tests - Change of temperature	EN 61300-2-22	1997 ²⁾
IEC 61300-2-33	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-33: Tests - Assembly and disassembly of fibre optic closures	EN 61300-2-33	200X ³⁾
IEC 61300-2-42	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-42: Tests - Static side load for connectors	EN 61300-2-42	2005 ²⁾
IEC 61300-3-1	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-1: Examinations and measurements - Visual examination	EN 61300-3-1	2005 ²⁾
IEC 61300-3-3	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-3: Examinations and measurements - Active monitoring of changes in attenuation and return loss	EN 61300-3-3	2003 ²⁾
IEC 61300-3-28	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-28: Examinations and measurements - Transient loss	EN 61300-3-28	2002 ²⁾
IEC 61753-1	200X ³⁾	Fibre optic interconnecting devices and passive components Part 1: General and guidance for performance standards	-	-

³⁾ To be published.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62134-1	- ¹⁾	Fibre optic enclosures Part 1: Generic specification	EN 62134-1	2002 ²⁾

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**Norme de qualité de fonctionnement des
dispositifs d'interconnexion et composants
passifs à fibres optiques –**

Partie 101-2:

**istémés de gestion
de fibres pour la Catégorie C –
Environnement contrôlé**

[SIST EN 61753-101-2:2007](https://standards.iteh.ai/catalog/standards/sist/fe4c60be-5f96-4d8c-8d97-35822046c735/iec-61753-101-2:2006)

[https://standards.iteh.ai/catalog/standards/sist/fe4c60be-5f96-4d8c-8d97-](https://standards.iteh.ai/catalog/standards/sist/fe4c60be-5f96-4d8c-8d97-35822046c735/iec-61753-101-2:2006)

**Fibre optic interconnecting devices and
passive components performance standard –**

Part 101-2:

**Fibre management systems for Category C –
Controlled environment**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES
AND PASSIVE COMPONENTS PERFORMANCE STANDARD –**

**Part 101-2: Fibre management systems
for Category C –Controlled environment**

FOREWORD

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International Standard IEC 61753-100-2 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/2348/FDIS	86B/2396/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 61753 consists of the following parts, under the general title *Fibre optic interconnecting devices and passive components performance standard*:¹

- Part 1-1: General and guidance – Interconnecting devices (connectors)
- Part 2-1: Fibre optic connectors terminated on single-mode fibre for category U – Uncontrolled environment
- Part 2-3: Non-connectorised single-mode 1×N and 2×N non-wavelength-selective branching devices for Category U – Uncontrolled environment
- Part 021-2: Fibre optic connectors terminated on single-mode fibre to category C – Controlled environment
- Part 022-2: Fibre optic connectors terminated on multimode fibre for category C – Controlled environment
- Part 051-3: Single-mode fibre, plug-style fixed attenuators for Category U – Uncontrolled environment
- Part 053-3: Continuously variable attenuators for category U – Uncontrolled environment
- Part 061-3: Single mode fibre optic pigtailed style isolators for category U – Uncontrolled environment
- Part 091-3: Single mode fibre optic pigtailed style circulators for category U – Uncontrolled environment
- Part 101-2: Fibre management systems for Category C – Controlled environment
- Part 101-3: Fibre management systems for Category U – Uncontrolled environment

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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

¹ Other parts of IEC 61753 are currently in preparation or under consideration.