SLOVENSKI STANDARD

SIST EN 61753-053-3:2004

september 2004

Izvedbeni standard povezovalnih naprav in pasivnih komponent optičnih vlaken– 053-3. del: nestopenjski nastavljivi zmanjševalci za kategorijo U – Nekontrolirano okolje (IEC 61753-053-3:2004)*

Fibre optic interconnecting devices and passive components performance standard - Part 053-3: Continuously variablel attenuators for category U - Uncontrolled environment (IEC 61753-053-3:2004)

ICS 33.180.20

Referenčna številka
SIST EN 61753-053-3:2004(en)

EUROPEAN STANDARD **EN 61753-053-3**

NORME EUROPÉENNE

EUROPÄISCHE NORM March 2004

ICS 33.180.20

English version

Fibre optic interconnecting devices and passive components performance standard Part 053-3: Continuously variable attenuators for category U - Uncontrolled environment
(IEC 61753-053-3:2004)

Norme de qualité de fonctionnement des dispositifs d'interconnexion et composants passifs à fibres optiques Partie 053-3: Affaiblisseurs continuellement variables pour la catégorie U - Environnement non contrôlé (CEI 61753-053-3:2004)

Lichtwellenleiter-Verbindungselemente und passive Bauteile - Betriebsverhalten Teil 053-3: Stufenlos regelbare Dämpfungsglieder für die Kategorie U - Unkontrollierte Umgebung (IEC 61753-053-3:2004)

This European Standard was approved by CENELEC on 2004-03-01. 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.

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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/1890/FDIS, future edition 1 of IEC 61753-053-3, 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 61753-053-3 on 2004-03-01.

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)	2004-12-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2007-03-01

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 61753-053-3:2004 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

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 Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60068-2-38	- [1]	Environmental testing Part 2: Tests - Test Z/AD: Composite temperature/humidity cyclic test	EN 60068-2-38	1999 [2]
IEC 60793-1-1	- [1]	Optical fibres Part 1-1: Measurement methods and test procedures - General and guidance	EN 60793-1-1	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]	Part 2-4: Tests - Fibre/cable retention	EN 61300-2-4	1997 [2]
IEC 61300-2-5	- [1]	Part 2-5: Tests - Torsion/twist	EN 61300-2-5	2002 [2]
IEC 61300-2-9	- [1]	Part 2-9: Tests - Shock	EN 61300-2-9	1997 [2]
IEC 61300-2-14	- [1]	Part 2-14: Tests - Maximum input power	EN 61300-2-14	1997 [2]
IEC 61300-2-17	- [1]	Part 2-17: Tests - Cold	EN 61300-2-17	2003 [2]
IEC 61300-2-18	- [1]	Part 2-18: Tests - Dry heat - High temperature endurance	EN 61300-2-18	1997 [2]
IEC 61300-2-22	- [1]	Part 2-22: Tests - Change of temperature	EN 61300-2-22	1997 [2]
IEC 61300-2-27	- [1]	Part 2-27: Tests - Dust - Laminar flow	EN 61300-2-27	1997 [2]
IEC 61300-2-42	- [1]	Part 2-42: Tests - Static side load for connectors	EN 61300-2-42	1998 [2]
IEC 61300-3-2	- [1]	Part 3-2: Examinations and measurements - Polarization dependence of attenuation in a single-mode fibre optic device	EN 61300-3-2	1999 [2]

[1] Undated reference.

[2] Valid edition at date of issue.

Publication	Year	Title	EN/HD	Year
IEC 61300-3-5	- [1)]	Part 3-5: Examinations and measurements - Wavelength dependence of attenuation	EN 61300-3-5	2001 [2)]
IEC 61300-3-6	- [1)]	Part 3-6: Examinations and measurements - Return loss	EN 61300-3-6	2003 [2)]
IEC 61300-3-14	- [1)]	Part 3-14: Examinations and measurements - Accuracy and repeatability of the attenuation settings of a variable attenuator	EN 61300-3-14	1997 [2)]

NORME INTERNATIONALE

INTERNATIONAL STANDARD

CEI
IEC
61753-053-3

Première édition
First edition
2004-01

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

Partie 053-3: Affaiblisseurs continuellement variables pour la catégorie U – Environnement non contrôlé

Fibre optic interconnecting devices and passive components performance standard –

Part 053-3: Continuously variable attenuators for category U – Uncontrolled environment

International Electrotechnical Commission, 3, rue de Varembé, 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

Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE L

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS PERFORMANCE STANDARD –

Part 053-3: Continuously variable attenuators for category U – Uncontrolled environment

FOREWORD

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International Standard IEC 61753-053-3 has been prepared by sub-committee 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/1890/FDIS	86B/1901/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.