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Dynamic modules -- Part 1-3: Performance standards - Dynamic gain tilt equalizer with pigtails for use in controlled environments (Category C) (IEC 62343-1-3:2006)

Dynamische Module -- Teil 1-3: Betriebsverhalten - Equalizer zur Kompensation einer dynamischen Kennlinie mit Anschlussfasern für den Einsatz in kontrollierter Umgebung (Kategorie C) (IEC 62343-1-3:2006)

Modules dynamiques -- Partie 1-3: Normes de qualité de fonctionnement - Egaliseur dynamique de basculement de gain avec fibres amorces destiné à être utilisé dans des environnements contrôlés (Catégorie C) (IEC 62343-1-3:2006)

Ta slovenski standard je istoveten z: EN 62343-1-3:2006

ICS:

33.180.30 U] cã } ã [læ ^çæ) ã ã Optic amplifiers

SIST EN 62343-1-3:2007

en,fr,de

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English version

Dynamic modules
Part 1-3: Performance standards -
Dynamic gain tilt equalizer with pigtailed
for use in controlled environments (Category C)
(IEC 62343-1-3:2006)

Modules dynamiques
Partie 1-3: Normes de qualité
de fonctionnement -
Egaliseur dynamique de basculement
de gain avec fibres amorcées destiné
à être utilisé dans des environnements
contrôlés (Catégorie C)
(CEI 62343-1-3:2006)

Dynamische Module
Teil 1-3: Betriebsverhalten -
Equalizer zur Kompensation
einer dynamischen Kennlinie
mit Anschlussfasern für den Einsatz
in kontrollierter Umgebung (Kategorie C)
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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 86C/722/FDIS, future edition 1 of IEC 62343-1-3, prepared by SC 86C, Fibre optic systems and active devices, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62343-1-3 on 2006-11-01.

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) 2007-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-11-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62343-1-3:2006 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 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 61300-2-1	- 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 61300-2-14	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-14: Tests - Optical power handling and damage threshold characterization	EN 61300-2-14	2006 ²⁾
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⁾

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> 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 61300-2-42	- 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 61300-3-2	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic tests and measurement procedures Part 3-2: Examinations and measurements - Polarization dependence of attenuation in a single-mode fibre optic device	EN 61300-3-2	1999 ²⁾
IEC 61300-3-5	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-5: Examinations and measurements - Wavelength dependence of attenuation	EN 61300-3-5	2001 ²⁾
IEC 61300-3-6	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-6: Examinations and measurements - Return loss	EN 61300-3-6	2003 ²⁾
IEC 61300-3-32	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-32: Examinations and measurements - Polarisation mode dispersion measurement for passive optical components	EN 61300-3-32	2006 ²⁾
IEC 61300-3-38	- ³⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-38: Examinations and measurements - Measurement techniques for determination of the group delay and chromatic dispersion of passive components used in fibre optic communication systems	-	-
IEC 61753-021-2	- ¹⁾	Fibre optic interconnecting devices and passive component performance standard Part 021-2: Fibre optic connectors terminated on single-mode fibre for category C - Controlled environment	EN 61753-021-2	2002 ²⁾

³⁾ Under consideration.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61753-022-2	- ¹⁾	Fibre optic interconnecting devices and passive components performance standard Part 022-2: Fibre optic connectors terminated on multimode fibre for category C - Controlled environment	EN 61753-022-2	2003 ²⁾
ITU-T Recommendation G.692	- ¹⁾	Optical interfaces for multichannel systems with optical amplifiers	-	-

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CEI
IEC

62343-1-3

Première édition
First edition
2006-10

Modules dynamiques –

Partie 1-3:

**Normes de qualité de fonctionnement –
Egaliseur dynamique de basculement de gain
avec fibres amorces destiné à être utilisé dans
des environnements contrôlés (Catégorie C)**

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Part 1-3:

**Performance standards –
Dynamic gain tilt equalizer with pigtailed for
use in controlled environments (Category C)**

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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



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

DYNAMIC MODULES –

**Part 1-3: Performance standards –
Dynamic gain tilt equalizer with pigtails for use
in controlled environments (Category C)**

FOREWORD

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International Standard IEC 62343-1-3 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

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

FDIS	Report on voting
86C/722/FDIS	86C/733/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.