

SLOVENSKI STANDARD

SIST EN 62343-1-3:2013

01-maj-2013

Nadomešča:

SIST EN 62343-1-3:2007

Dinamični elementi - 1-3. del: Standardi lastnosti - Izenačevalnik dinamične ojačitve s spojitvenimi vlakni za uporabo v nadzorovanem okolju (IEC 62343-1-3:2012)

Dynamic modules - Part 1-3: Performance standards - Dynamic gain tilt equalizer (non-connectorized) (IEC 62343-1-3:2012)

Dynamische Module - Teil 1-3: Betriebsverhalten - Dynamischer Equalizer mit schräglagen Verstärkung (nicht mit Steckern versehen) (IEC 62343-1-3:2012)

Modules dynamiques - Partie 1-3: Normes de performance - Egaliseur dynamique de basculement de gain (nonconnectorisé) (CEI 62343-1-3:2012)

Ta slovenski standard je istoveten z: EN 62343-1-3:2013

ICS:

33.180.30 Optični ojačevalniki Optic amplifiers

SIST EN 62343-1-3:2013

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62343-1-3

March 2013

ICS 33.180.01; 33.180.99

Supersedes EN 62343-1-3:2006

English version

**Dynamic modules -
Part 1-3: Performance standards -
Dynamic gain tilt equalizer (non-connectorized)
(IEC 62343-1-3:2012)**

Modules dynamiques -
Partie 1-3: Normes de performance -
Egaliseur dynamique de basculement de
gain (non-connectorisé)
(CEI 62343-1-3:2012)

Dynamische Module -
Teil 1-3: Betriebsverhalten -
Dynamischer Equalizer mit schräglagen
Verstärkung (nicht mit Steckern versehen)
(IEC 62343-1-3:2012)

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This European Standard was approved by CENELEC on 2013-01-09. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre 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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 86C/1077/CDV, future edition 2 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 approved by CENELEC as EN 62343-1-3:2013.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-10-09
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-01-09

This document supersedes EN 62343-1-3:2006.

EN 62343-1-3:2013 includes the following significant technical changes with respect to EN 62343-1-3:2006:

- a) a change in the title removing the environmental category;
- b) the addition of Clause 4, Operating and storage conditions;
- c) the inclusion of spectral bands in Clause 5, Test;
- d) a definition of the wavelength range for test requirements in Clause 5, Test;
- e) the removal of the environment tests from the test details and requirements.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 62343-1-3:2012 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61753-1 NOTE Harmonized as EN 61753-1.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 61300-2-14	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-14: Tests - High optical power	EN 61300-2-14	-
IEC 61300-3-2	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-2: Examinations and measurements - Polarization dependent loss in a single-mode fibre optic device	EN 61300-3-2	-
IEC 61300-3-6	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-6: Examinations and measurements - Return loss	EN 61300-3-6	-
IEC 61300-3-7	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-7: Examinations and measurements - Wavelength dependence of attenuation and return loss of single mode components	EN 61300-3-7	-
IEC 61300-3-32	-	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	-
IEC 61300-3-38	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-38: Examinations and measurements - Group delay, chromatic dispersion and phase ripple	EN 61300-3-38	-
IEC 61753-021-2	-	Fibre optic interconnecting devices and passive components performance standard - Part 021-2: Grade C/3 single-mode fibre optic connectors for category C - Controlled environment	EN 61753-021-2	-
IEC 61753-022-2	-	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	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62343-5-1	-	Dynamic modules - Test methods - Part 5-1: Dynamic gain tilt equalizer - Response time measurement	EN 62343-5-1	-
ITU-T Recommendation G.692	-	Optical interfaces for multichannel systems with optical amplifiers	-	-

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IEC 62343-1-3

Edition 2.0 2012-12

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Dynamic modules –

Part 1-3: Performance standards – Dynamic gain tilt equalizer (non-connectorized)

Modules dynamiques –

Partie 1-3: Normes de performance – Egaliseur dynamique de basculement de gain (non-connectorisé)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

DYNAMIC MODULES –

**Part 1-3: Performance standards –
Dynamic gain tilt equalizer (non-connectorized)**

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.

This second edition cancels and replaces the first edition published in 2006. It constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) a change in the title removing the environmental category;
- b) the addition of Clause 4, Operating and storage conditions;
- c) the inclusion of spectral bands in Clause 5, Test;
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