

Dynamic modules —

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

The European Standard EN 62343-1-3:2006 has the status of a
British Standard

ICS 33.180.01; 33.180.99

National foreword

This British Standard was published by BSI. It is the UK implementation of EN 62343-1-3:2006. It is identical with IEC 62343-1-3:2006.

The UK participation in its preparation was entrusted by Technical Committee GEL/86, Fibre optics, to Subcommittee GEL/86/3, Fibre optic systems and active devices.

A list of organizations represented on GEL/86/3 can be obtained on request to its secretary.

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 January 2007

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ISBN 978 0 580 50056 5

Amendments issued since publication

Amd. No.	Date	Comments

**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)**

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)
(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)
(IEC 62343-1-3:2006)

This European Standard was approved by CENELEC on 2006-11-01. 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
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Europäisches Komitee für Elektrotechnische Normung

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

This standard contains the minimum initialization test and measurement requirements and severities which a dynamic gain tilt equalizer (DGTE) shall satisfy in order to be categorized as meeting the requirements of a DGTE used in controlled environments. The requirements cover dynamic gain equalizers for category C – Controlled environments.

2 Normative references

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.

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

IEC 61300-2-4, *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-4: Tests – Fibre/cable retention*

IEC 61300-2-9, *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-9: Tests – Shock*

IEC 61300-2-14, *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-14: Tests – Optical power handling and damage threshold characterization*

IEC 61300-2-17, *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-17: Tests – Cold*

IEC 61300-2-18, *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-18: Tests – Dry heat – High temperature endurance*

IEC 61300-2-19, *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-19: Tests – Damp heat (steady state)*

IEC 61300-2-22, *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-22: Tests – Change of temperature*