



BSI Standards Publication

Dynamic modules

Part 1-2: Performance standards —
Tuneable chromatic dispersion compensator
(non-connectorized)

National foreword

This British Standard is the UK implementation of EN 62343-1-2:2015. It is identical to IEC 62343-1-2:2015. It supersedes BS EN 62343-1-2:2008 which is withdrawn.

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 this committee can be obtained on request to its secretary.

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Amendments/corrigenda issued since publication

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EUROPEAN STANDARD
NORME EUROPÉENNE
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EN 62343-1-2

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Supersedes EN 62343-1-2:2008

English Version

Dynamic modules - Part 1-2: Performance standards - Tuneable chromatic dispersion compensator (non-connectorized) (IEC 62343-1-2:2015)

Modules dynamiques - Partie 1-2: Normes de performance -
Compensateur de dispersion chromatique réglable
(non connectorisé)
(IEC 62343-1-2:2015)

Dynamische Module - Teil 1-2: Betriebsverhaltensnormen -
Einstellbarer Kompensator für chromatische Dispersion
(nicht mit Steckern versehen)
(IEC 62343-1-2:2015)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of document 86C/1315/FDIS, future edition 2 of IEC 62343-1-2, 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 62343-1-2:2015.

The following dates are fixed:

- latest date by which the document has to be (dop) 2016-05-27
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2018-07-30
standards conflicting with the
document have to be withdrawn

This document supersedes EN 62343-1-2:2008. It constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:

- a) substantial addition of definitions and removal of type C performances.
- b) change in the title to reflect standard terminology.

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Endorsement notice

The text of the International Standard IEC 62343-1-2:2015 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 62343-1	NOTE	Harmonized as EN 62343-1 ¹⁾ .
IEC 62343-1-3	NOTE	Harmonized as EN 62343-1-3.

¹⁾ At draft stage.

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 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61300-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance	EN 61300-1	-
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 61300-3-29	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-29: Examinations and measurements - Spectral transfer characteristics of DWDM devices	EN 61300-3-29	-
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	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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 62074-1	-	Fibre optic interconnecting devices and passive components - Fibre optic WDM devices - Part 1: Generic specification	EN 62074-1	-
IEC 62343	-	Dynamic modules - General and guidance	EN 62343	-
ITU-T Recommendation G.671	-	Transmission characteristics of optical components and subsystems	-	-
ITU-T Recommendation G.692	-	Optical interfaces for multichannel systems - with optical amplifiers	-	-
ITU-T G-series Recommendations - Supplement 39	-	Optical system design and engineering considerations	-	-