



BSI British Standards

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

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National foreword

This British Standard is the UK implementation of EN 61300-3-2:2009. It is identical to IEC 61300-3-2:2009. It supersedes BS EN 61300-3-12:1997 and BS EN 61300-3-2:1999, which are withdrawn.

The UK participation in its preparation was entrusted by Technical Committee GEL/86, Fibre optics, to Subcommittee GEL/86/2, Fibre optic interconnecting devices and passive components.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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EN 61300-3-2

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English version

**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
(IEC 61300-3-2:2009)**

Dispositifs d'interconnexion
et composants passifs à fibres optiques -
Méthodes fondamentales d'essais
et de mesures -
Partie 3-2: Examens et mesures -
Pertes dépendant de la polarisation
dans les dispositifs
à fibres optiques unimodales
(CEI 61300-3-2:2009)

Lichtwellenleiter -
Verbindungselemente
und passive Bauteile -
Grundlegende Prüf- und Messverfahren -
Teil 3-2: Untersuchungen
und Messungen -
Polarisationsabhängiger Verlust
in Einmoden- Lichtwellenleiter-Bauteilen
(IEC 61300-3-2:2009)

This European Standard was approved by CENELEC on 2009-02-01. 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.

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CENELEC

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

Central Secretariat: avenue Marnix 17, B - 1000 Brussels

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Foreword

The text of document 86B/2783/FDIS, future edition 3 of IEC 61300-3-2, 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 61300-3-2 on 2009-02-01.

This European Standard supersedes EN 61300-3-2:1999 and EN 61300-3-12:1997.

EN 61300-3-2:2009 includes both the all-states method (EN 61300-3-2:1999) and the Mueller matrix method (EN 61300-3-12:1997).

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) | 2009-11-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2010-02-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61300-3-2:2009 was approved by CENELEC as a European Standard without any modification.

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 61300-3-29	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-29: Examinations and measurements - Measurement techniques for characterising the amplitude of the spectral transfer function of DWDM components	EN 61300-3-29 + corr. November	2006 ²⁾ 2006

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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