



NSAI
Standards

Irish Standard
I.S. EN 61300-3-3:2009

Fibre optic interconnecting devices
and passive components - Basic
test and measurement procedures
-- Part 3-3: Examinations and
measurements - Active monitoring
of changes in attenuation and
return loss (IEC 61300-3-3:2009
(EQV))

I.S. EN 61300-3-3:2009

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Supersedes EN 61300-3-3:2003

English version

**Fibre optic interconnecting devices and passive components -
Basic test and measurement procedures -
Part 3-3: Examinations and measurements -
Active monitoring of changes in attenuation and return loss
(IEC 61300-3-3:2009)**

Dispositifs d'interconnexion
et composants passifs à fibres optiques -
Méthodes fondamentales d'essais
et de mesures -
Partie 3-3: Examens et mesures -
Contrôle actif des variations
de l'affaiblissement
et du facteur d'adaptation
(CEI 61300-3-3:2009)

Lichtwellenleiter -
Verbindungselemente
und passive Bauteile -
Grundlegende Prüf- und Messverfahren -
Teil 3-3: Untersuchungen
und Messungen -
Aufzeichnung der Änderung
von Dämpfung und Rückflusdämpfung
(IEC 61300-3-3:2009)

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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

Foreword

The text of document 86B/2808/FDIS, future edition 3 of IEC 61300-3-3, 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 61300-3-3 on 2009-04-01.

This European Standard supersedes EN 61300-3-3:2003.

The change with respect to EN 61300-3-3:2003 is the structure of the document.

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) 2010-01-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2010-04-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61300-3-3:2009 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 61300-1	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance	EN 61300-1	2003 ²⁾
IEC 61300-3-1	- ¹⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-1: Examinations and measurements - Visual examination	EN 61300-3-1	2005 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	2009 ²⁾
IEC 61300-3-35	200X ³⁾	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Fibre optic cylindrical connector endface visual and automated inspection	-	-

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

³⁾ To be published.

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IEC 61300-3-3

Edition 3.0 2009-03

INTERNATIONAL STANDARD

**Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –
Part 3-3: Examinations and measurements – Active monitoring of changes in attenuation and return loss**



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IEC 61300-3-3

Edition 3.0 2009-03

INTERNATIONAL STANDARD

**Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –
Part 3-3: Examinations and measurements – Active monitoring of changes in attenuation and return loss**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – BASIC TEST AND MEASUREMENT PROCEDURES –

Part 3-3: Examinations and measurements – Active monitoring of changes in attenuation and return loss

FOREWORD

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International Standard IEC 61300-3 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This third edition cancels and replaces the second edition published in 2003. This edition constitutes a minor revision.

The change with respect to the previous edition is the structure of the document.

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

FDIS	Report on voting
86B/2808/FDIS	86B/2830/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.

A list of all parts of IEC 61300 series, published under the general title *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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- withdrawn,
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