



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61300-3-10:2007

ICS 33.180.20

**FIBRE OPTIC INTERCONNECTING
DEVICES AND PASSIVE COMPONENTS -
BASIC TEST AND MEASUREMENT
PROCEDURES -- PART 3-10:
EXAMINATIONS AND MEASUREMENTS -
GAUGE RETENTION FORCE (IEC 61300-3
-10:2006 (EQV))**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61300-3-10

May 2007

ICS 33.180.20

Supersedes EN 61300-3-10:1997

English version

**Fibre optic interconnecting devices and passive components -
Basic test and measurement procedures -
Part 3-10: Examinations and measurements -
Gauge retention force
(IEC 61300-3-10:2006)**

Dispositifs d'interconnexion
et composants passifs à fibres optiques -
Méthodes fondamentales d'essais
et de mesures -
Partie 3-10: Examens et mesures -
Force de rétention du calibre
(CEI 61300-3-10:2006)

Lichtwellenleiter -
Verbindungselemente
und passive Bauteile -
Grundlegende Prüf- und Messverfahren -
Teil 3-10: Untersuchungen
und Messungen -
Lehrenhaltekraft
(IEC 61300-3-10:2006)

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 86B/2410/FDIS, future edition 2 of IEC 61300-3-10, 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 61300-3-10 on 2007-02-01.

This European Standard supersedes EN 61300-3-10:1997.

Specific technical changes from EN 61300-3-10:1997 include the use of tensiometer for the measurement as well as more detailed gauge characteristics.

The following dates were fixed:

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|--|-------|------------|
| – latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement | (dop) | 2007-12-01 |
| – latest date by which the national standards conflicting
with the EN have to be withdrawn | (dow) | 2010-02-01 |

Endorsement notice

The text of the International Standard IEC 61300-3-10:2006 was approved by CENELEC as a European Standard without any modification.

**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

61300-3-10

Deuxième édition
Second edition
2006-12

**Dispositifs d'interconnexion
et composants passifs à fibres optiques –
Méthodes fondamentales d'essais et de mesures –**

**Partie 3-10:
Examens et mesures –
Force de rétention du calibre**

**Fibre optic interconnecting
devices and passive components –
Basic test and measurement procedures –**

**Part 3-10:
Examinations and measurements –
Gauge retention force**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

Part 3-10: Examinations and measurements – Gauge retention force

FOREWORD

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International Standard IEC 61300-3-10 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 1995. It constitutes a technical revision. Specific technical changes from the previous edition include the use of tensiometer for the measurement as well as more detailed gauge characteristics.

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

FDIS	Report on voting
86B/2410/FDIS	86B/2449/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 the 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

- reconfirmed;
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