



Irish Standard
I.S. EN 61300-2-23:2011

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 2-23: Tests - Sealing for non-pressurized closures of fibre optic devices (IEC 61300-2-23:2010 (EQV))

I.S. EN 61300-2-23:2011

Incorporating amendments/corrigenda issued since publication:

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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|--|---|---|
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61300-2-23

March 2011

ICS 33.180.20

Supersedes EN 61300-2-23:1997

English version

**Fibre optic interconnecting devices and passive components -
Basic test and measurement procedures -
Part 2-23: Tests -
Sealing for non-pressurized closures of fibre optic devices
(IEC 61300-2-23:2010)**

Dispositifs d'interconnexion et composants
passifs à fibres optiques -
Méthodes fondamentales d'essais et de
mesures -
Partie 2-23: Essais -
Étanchéité pour les boîtiers non
pressurisés de dispositifs à fibres optiques
(CEI 61300-2-23:2010)

Lichtwellenleiter -
Verbindungselemente und passive
Bauteile -
Grundlegende Prüf- und Messverfahren -
Teil 2-23: Prüfungen -
Dichtheit druckloser Muffen für
Lichtwellenleiter-Bauteile
(IEC 61300-2-23:2010)

This European Standard was approved by CENELEC on 2011-02-01. 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.

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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

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Foreword

The text of document 86B/3088/FDIS, future edition 2 of IEC 61300-2-23, 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 61300-2-23 on 2011-02-01.

This European Standard supersedes EN 61300-2-23:1997.

Changes from EN 61300-2-23:1997 are to reconsider the procedure and severity.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

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) | 2011-11-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2012-02-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61300-2-23:2010 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

| | | |
|----------------|------|------------------------------|
| IEC 61300-2-38 | NOTE | Harmonized as EN 61300-2-38. |
|----------------|------|------------------------------|

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 60068-2-17 | - | Environmental testing - Part 2-17: Tests - Test Q: Sealing | EN 60068-2-17 | - |
| IEC 61300-1 | - | Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance | EN 61300-1 | - |
| IEC 61300-3-3 | - | 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 | EN 61300-3-3 | - |

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CONTENTS

| | |
|--|-------|
| FOREWORD | 3 |
| 1 Scope | 5 |
| 2 Normative references | 5 |
| 3 General description | 5 |
| 3.1 Test procedure | 5 |
| 3.2 Pre-conditioning | 5 |
| 3.3 Initial measurements | 5 |
| 3.4 Conditioning | 6 |
| 3.5 Recovery | 6 |
| 3.6 Final measurements | 6 |
| 4 Apparatus | 6 |
| 5 Severity | 6 |
| 6 Details to be specified | 7 |
| Bibliography | 8 |
| Table 1 – Head of water severity | 6 |
| Table 2 – Test duration | 7 |

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

Part 2-23: Tests – Sealing for non-pressurized closures of fibre optic devices

FOREWORD

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International Standard IEC 61300-2-23 has been prepared by subcommittee SC86B: 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. Changes from the previous edition of the document are to reconsider the procedure and severity.

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

| FDIS | Report on voting |
|---------------|------------------|
| 86B/3088/FDIS | 86B/3102/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 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 stability 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,
- withdrawn,
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