



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61300-2-18:2005

ICS 33.180.20

**FIBRE OPTIC INTERCONNECTING
DEVICES AND PASSIVE COMPONENTS -
BASIC TEST AND MEASUREMENT
PROCEDURES -- PART 2-18: TESTS - DRY
HEAT - HIGH TEMPERATURE ENDURANCE**

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EUROPEAN STANDARD

EN 61300-2-18

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2005

ICS 33.180.20

Supersedes EN 61300-2-18:1997

English version

**Fibre optic interconnecting devices and passive components –
Basic test and measurement procedures
Part 2-18: Tests –
Dry heat –
High temperature endurance
(IEC 61300-2-18:2005)**

Dispositifs d'interconnexion et
composants passifs à fibres optiques -
Méthodes fondamentales d'essais
et de mesures
Partie 2-18: Essais –
Chaleur sèche –
Résistance à haute température
(CEI 61300-2-18:2005)

Lichtwellenleiter-Verbindungselemente
und passive Bauteile –
Grundlegende Prüf- und Messverfahren
Teil 2-18: Prüfungen –
Trockene Wärme, Dauerprüfung
(IEC 61300-2-18:2005)

This European Standard was approved by CENELEC on 2005-08-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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/2136/FDIS, future edition 2 of IEC 61300-2-18, 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 61300-2-18 on 2005-08-01.

This European Standard supersedes EN 61300-2-18:1997.

Specific technical changes in this European Standard involve simplification of the combination of temperature and exposure time.

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) 2006-05-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2008-08-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61300-2-18:2005 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 61300-1 | NOTE | Harmonized as EN 61300-1:2003 (not modified). |
| IEC 61300-2-22 | NOTE | Harmonized as EN 61300-2-22:1995 (not modified). |

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 Where 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 60068-2-2	- ¹⁾	Basic environmental testing procedures Part 2: Tests - Tests B: Dry heat	EN 60068-2-2	1993 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	1997 ²⁾
IEC 61300-3-3	- ¹⁾	Part 3-3: Examinations and measurements - Active monitoring of changes in attenuation and return loss	EN 61300-3-3	2003 ²⁾
IEC 61300-3-4	- ¹⁾	Part 3-4: Examinations and measurements - Attenuation	EN 61300-3-4	2001 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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