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Irish Standard I.S. EN 61300-2-5:2011

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 2-5: Tests - Torsion (IEC 61300-2-5:2009 (EQV))

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### EUROPEAN STANDARD

## EN 61300-2-5

## NORME EUROPÉENNE EUROPÄISCHE NORM

May 2011

ICS 33.180.20

Supersedes EN 61300-2-5:2002

English version

## Fibre optic interconnecting devices and passive components -Basic test and measurement procedures -Part 2-5: Tests -Torsion

(IEC 61300-2-5:2009)

Dispositifs d'interconnexion et composants passifs à fibres optiques -Procédures fondamentales d'essais et de mesures -Partie 2-5: Essais -Torsion (CEI 61300-2-5:2009) Lichtwellenleiter -Verbindungselemente und passive Bauteile -Grundlegende Prüf- und Messverfahren -Teil 2-5: Prüfungen -Torsion (IEC 61300-2-5:2009)

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# CENELEC

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

#### Management Centre: Avenue Marnix 17, B - 1000 Brussels

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EN 61300-2-5:2011

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#### Foreword

The text of document 86B/2774/FDIS, future edition 3 of IEC 61300-2-5, 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 61300-2-5 on 2011-03-18.

This European Standard supersedes EN 61300-2-5:2002.

Specific technical changes from EN 61300-2-5:2002 are as follows:

- the title was changed;
- the procedure was reconsidered;
- the figure of closure test set-up was added;
- the severity of the test was reconsidered according to the component.

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)	2011-12-18
-	latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2012-03-18

Annex ZA has been added by CENELEC.

#### **Endorsement notice**

The text of the International Standard IEC 61300-2-5:2009 was approved by CENELEC as a European Standard without any modification.

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#### 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.

Publication	Year	<u>Title</u>	<u>EN/HD</u>	Year
IEC 61300-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance	EN 61300-1	-
IEC 61300-3-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-1: Examinations and measurements - Visual examination	EN 61300-3-1	-
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	-
IEC 61300-3-4	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-4: Examinations and measurements - Attenuation	EN 61300-3-4	-
IEC 61300-3-6	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-6: Examinations and measurements - Return loss	EN 61300-3-6	-

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#### INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

#### Part 2-5: Tests – Torsion

#### FOREWORD

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International Standard IEC 61300-2-5 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 2002 and constitutes a technical revision. Specific technical changes from the previous edition are as follows:

- the title was changed;
- the procedure was reconsidered;
- the figure of closure test set-up was added;
- the severity of the test was reconsidered according to the component.

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

FDIS	Report on voting
86B/2774/FDIS	86B/2806/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

- reconfirmed,
- withdrawn,
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