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Standards

Irish Standard
I.S. EN 62496-2-1:2011

Optical circuit boards -- Part 2-1:
Measurements - Optical attenuation
and isolation (IEC 62496-2-1:2011
(EQV))

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| | | |
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**Optical circuit boards -
Part 2-1: Measurements -
Optical attenuation and isolation
(IEC 62496-2-1:2011)**

Cartes à circuits optiques -
Partie 2-1: Mesures -
Affaiblissement et isolation optiques
(CEI 62496-2-1:2011)

Optische Leiterplatten -
Teil 2-1: Messungen -
Optische Dämpfung und Isolation
(IEC 62496-2-1:2011)

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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 (86/396/FDIS), future edition 1 of IEC 62496-2-1, prepared by IEC TC 86, "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62496-2-1:2011.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-06-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2014-09-01

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

| | | |
|----------------|------|------------------------------|
| IEC 60793-1-1 | NOTE | Harmonized as EN 60793-1-1. |
| IEC 60794-1-1 | NOTE | Harmonized as EN 60794-1-1. |
| IEC 61280-4-1 | NOTE | Harmonized as EN 61280-4-1. |
| IEC 61300-3-35 | NOTE | Harmonized as EN 61300-3-35. |

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 60793-2-10 | - | Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres | EN 60793-2-10 | - |
| IEC 60793-2-50 | - | Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres | EN 60793-2-50 | - |
| IEC 60825-1 | - | Safety of laser products - Part 1: Equipment classification and requirements | EN 60825-1 | - |
| 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 | 2005 | 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 |
| 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 62496-1 | 2008 | Optical circuit boards - Part 1: General | EN 62496-1 | 2009 |
| IEC 62614 | - | Fibre optics - Launch condition requirements for measuring multimode attenuation | EN 62614 | - |
| ISO 3599 | - | Vernier callipers reading to 0,1 and 0,05 mm | - | - |
| ISO 6906 | - | Vernier callipers reading to 0,02 mm | - | - |

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL CIRCUIT BOARDS –**Part 2-1: Measurements –
Optical attenuation and isolation**

FOREWORD

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International Standard IEC 62496-2-1 has been prepared by IEC technical committee 86: Fibre optics.

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

| | |
|-------------|------------------|
| FDIS | Report on voting |
| 86/396/FDIS | 86/401/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 62496 series, published under the general title *Optical circuit boards* 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,
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