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Standards

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

# Optical circuit boards -- Part 2-2: Measurements - Dimensions of optical circuit boards (IEC 62496-2-2:2011 (EQV))

## I.S. EN 62496-2-2:2011

*Incorporating amendments/corrigenda issued since publication:*

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

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 62496-2-2**

March 2011

ICS 33.180.01

English version

**Optical circuit boards -  
Part 2-2: Measurements -  
Dimensions of optical circuit boards  
(IEC 62496-2-2:2011)**

Cartes à circuits optiques -  
Partie 2-2: Mesures -  
Dimensions des cartes à circuits optiques  
(CEI 62496-2-2:2011)

Optische Leiterplatten -  
Teil 2-2: Messungen -  
Abmessungen optischer Leiterplatten  
(IEC 62496-2-2:2011)

This European Standard was approved by CENELEC on 2011-03-03. 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

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

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**Foreword**

The text of document 86/378/FDIS, future edition 1 of IEC 62496-2-2, prepared by IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62496-2-2 on 2011-03-03.

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) 2011-12-03
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2014-03-03

Annex ZA has been added by CENELEC.

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**Endorsement notice**

The text of the International Standard IEC 62496-2-2:2011 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 60793-2      | NOTE | Harmonized as EN 60793-2.      |
| IEC 62496 series | NOTE | Harmonized in EN 62496 series. |
-

## 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 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60793-1-45 (mod)	-	Optical fibres - Part 1-45: Measurement methods and test procedures - Mode field diameter	EN 60793-1-45	-
IEC 61189-2	-	Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 2: Test methods for materials for interconnection structures	EN 61189-2	-
IEC 62496-2-1	-	Optical circuit boards - Basic test and measurement procedures - Part 2-1: Measurements - Optical attenuation and isolation	FprEN 62496-2-1	-
IEC 62496-4	-	Optical circuit boards - Part 4: Interface standards - General and guidance	FprEN 62496-4	-
ISO 10360-2	-	Geometrical product specifications (GPS) - Acceptance and reverification tests for coordinate measuring machines (CMM) - Part 2: CMMs used for measuring linear dimensions	EN ISO 10360-2	-

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**OPTICAL CIRCUIT BOARDS –****Part 2-2: Measurements –  
Dimensions of optical circuit boards**

## FOREWORD

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International Standard IEC 62496-2-2 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
86/378/FDIS	86/385/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,
- withdrawn,
- replaced by a revised edition, or
- amended.

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