



SLOVENSKI STANDARD

SIST EN IEC 62496-2-5:2023

01-marec-2023

**Plošče z optičnimi vezji - Osnovni preskusni in merilni postopki - 2-5. del:
Preskušanje upogljivosti za zvižava optoelektrična vezja (IEC 62496-2-5:2022)**

Optical circuit boards - Basic test and measurement procedures - Part 2-5: Flexibility test for flexible opto-electric circuits (IEC 62496-2-5:2022)

Optische Leiterplatten - Grundlegende Prüf- und Messverfahren - Teil 2-5:
Biegsamkeitstest für biegsame opto-elektrische Schaltkreise (IEC 62496-2-5:2022)

Cartes à circuits optiques - Procédures fondamentales d'essais et de mesures - Partie 2-5: Essai de flexibilité pour les circuits optoélectriques souples (IEC 62496-2-5:2022)

Ta slovenski standard je istoveten z: EN IEC 62496-2-5:2023

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| 31.180 | Tiskana vezja (TIV) in tiskane plošče | Printed circuits and boards |
| 33.180.01 | Sistemi z optičnimi vlakni na splošno | Fibre optic systems in general |

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EUROPEAN STANDARD

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NORME EUROPÉENNE

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January 2023

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English Version

Optical circuit boards - Basic test and measurement procedures
- Part 2-5: Flexibility test for flexible opto-electric circuits
(IEC 62496-2-5:2022)

Cartes à circuits optiques - Procédures fondamentales
d'essais et de mesures - Partie 2-5: Essai de flexibilité pour
les circuits optoélectriques souples
(IEC 62496-2-5:2022)

Optische Leiterplatten - Grundlegende Prüf- und
Messverfahren - Teil 2-5: Biegsamkeitstest für biegsame
opto-elektrische Schaltkreise
(IEC 62496-2-5:2022)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62496-2-5:2023 (E)**European foreword**

The text of document 86/605/FDIS, future edition 1 of IEC 62496-2-5, prepared by IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62496-2-5:2023.

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) 2023-10-11
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-01-11

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

IEC 60793-2-10 NOTE Harmonized as EN IEC 60793-2-10

IEC 60793-2-20 NOTE Harmonized as EN 60793-2-20

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

| <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 60793-2 | series | Optical fibres - Part 2: Product specifications | EN IEC 60793-2 | series |
| IEC 62496-2-1 | - | Optical circuit boards - Part 2-1: Measurements - Optical attenuation and isolation | EN 62496-2-1 | - |
| ISO 5626 | 1993 | Paper - determination of folding endurance - | | - |

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Optical circuit boards – Basic test and measurement procedures –
Part 2-5: Flexibility test for flexible opto-electric circuits**

**Cartes a circuits optiques – Procédures fondamentales d'essais et de mesures
–
Partie 2-5: Essai de flexibilité pour les circuits optoélectriques souples**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**OPTICAL CIRCUIT BOARDS –
BASIC TEST AND MEASUREMENT PROCEDURES –**
Part 2-5: Flexibility test for flexible opto-electric circuits

FOREWORD

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IEC 62496-2-5 has been prepared by IEC technical committee 86: Fibre optics. It is an International Standard.

The text of this International Standard is based on the following documents:

| | |
|-------------|------------------|
| Draft | Report on voting |
| 86/605/FDIS | 86/609/RVD |

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all parts in 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 document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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