# SLOVENSKI STANDARD
# SIST EN IEC 61290-1-2:2026

**01-maj-2026**

**Nadomešča:**
**SIST EN 61290-1-2:2006**

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**Optični ojačevalniki - Preskusne metode - 1-2. del: Parametri moči in ojačenja - Metoda z električnim spektralnim analizatorjem (IEC 61290-1-2:2026)**

Optical amplifiers - Test methods - Part 1-2: Power and gain parameters - Electrical spectrum analyzer method (IEC 61290-1-2:2026)

Prüfverfahren für Lichtwellenleiter-Verstärker - Teil 1-2: Optische Leistungs- und Verstärkerparameter - Verfahren mit elektrischem Spektralanalysator (IEC 61290-1-2:2026)

Amplificateurs optiques - Méthodes d'essai - Partie 1-2: Paramètres de puissance et de gain - Méthode de l'analyseur de spectre électrique (IEC 61290-1-2:2026)

**Ta slovenski standard je istoveten z:** **EN IEC 61290-1-2:2026**

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**ICS:**

| | | |
|---|---|---|
| 33.180.30 | Optični ojačevalniki | Optic amplifiers |

**SIST EN IEC 61290-1-2:2026** **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

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# EN IEC 61290-1-2

March 2026

ICS 33.180.30

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English Version

# Optical amplifiers - Test methods - Part 1-2: Power and gain parameters - Electrical spectrum analyzer method (IEC 61290-1-2:2026)

Amplificateurs optiques - Méthodes d'essai - Partie 1-2: Paramètres de puissance et de gain - Méthode de l'analyseur de spectre électrique (IEC 61290-1-2:2026)

Prüfverfahren für Lichtwellenleiter-Verstärker - Teil 1-2: Optische Leistungs- und Verstärkerparameter - Verfahren mit elektrischem Spektralanalysator (IEC 61290-1-2:2026)

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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**



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# European foreword

The text of document 86C/1973/CDV, future edition 3 of IEC 61290-1-2, prepared by SC 86C "Fibre optic systems, sensing and active devices" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61290-1-2:2026.

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) 2027-03-31
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2029-03-31

This document supersedes EN 61290-1-2:2005 and all of its amendments and corrigenda (if any).

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## Endorsement notice



The text of the International Standard IEC 61290-1-2:2026 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 standard indicated:

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|---|---|---|
| IEC 60825-1 | NOTE | Approved as EN 60825-1 |
| IEC 60825-2 | NOTE | Approved as EN 60825-2 |
| IEC 61290 (series) | NOTE | Approved as EN 61290 (series) |
| IEC 61290-10 (series) | NOTE | Approved as EN 61290-10 (series) |

# 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.cencenelec.eu.

| Publication | Year | Title | EN/HD | Year |
|---|---|---|---|---|
| IEC 60793-1-40 | - | Optical fibres - Part 1-40: Attenuation measurement methods | EN IEC 60793-1-40 | - |
| IEC 61291-1 | - | Optical amplifiers - Part 1: Generic specification | EN IEC 61291-1 | - |

# IEC 61290-1-2

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# INTERNATIONAL STANDARD

**Optical amplifiers - Test methods -**
**Part 1-2: Power and gain parameters - Electrical spectrum analyzer method**



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