



# SLOVENSKI STANDARD

## SIST EN 61290-1-1:2015

01-oktober-2015

Nadomešča:

SIST EN 61290-1-1:2007

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**Optični ojačevalniki - Preskusne metode - 1-1. del: Močnostni in ojačevalni parametri - Metoda z analizatorjem optičnega spektra (IEC 61290-1-1:2015)**

Optical amplifiers - Test methods - Part 1-1: Power and gain parameters - Optical spectrum analyzer method (IEC 61290-1-1:2015)

Prüfverfahren für Lichtwellenleiter-Verstärker - Teil 1-1: Optische Leistungs- und Verstärkungsparameter - Verfahren mit optischem Spektralanalysator (IEC 61290-1-1:2015)

Amplificateurs optiques - Méthodes d'essai - Partie 1-1: Paramètres de puissance et de gain - Méthode de l'analyseur de spectre optique (IEC 61290-1-1:2015)

**Ta slovenski standard je istoveten z: EN 61290-1-1:2015**

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**ICS:**

33.180.30      Optični ojačevalniki      Optic amplifiers

**SIST EN 61290-1-1:2015**      en

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EUROPEAN STANDARD

EN 61290-1-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2015

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Supersedes EN 61290-1-1:2006

English Version

Optical amplifiers - Test methods - Part 1-1: Power and gain parameters - Optical spectrum analyzer method  
(IEC 61290-1-1:2015)

Amplificateurs optiques - Méthodes d'essai -  
Partie 1-1: Paramètres de puissance et de gain - Méthode  
de l'analyseur de spectre optique  
(IEC 61290-1-1:2015)

Prüfverfahren für Lichtwellenleiter-Verstärker -  
Teil 1-1: Optische Leistungs- und Verstärkungsparameter -  
Verfahren mit optischem Spektralanalysator  
(IEC 61290-1-1:2015)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

**EN 61290-1-1:2015****European foreword**

The text of document 86C/1309/FDIS, future edition 3 of IEC 61290-1-1, prepared by SC 86C "Fibre optic systems and active devices" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61290-1-1:2015.

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) 2016-03-11
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-06-11

This document supersedes EN 61290-1-1:2006 and constitutes a technical revision.

EN 61290-1-1:2015 includes the following significant technical changes with respect to the previous edition:

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- a) updates on the characteristics of measurement apparatus,
  - b) revised list of addressed optical amplifier parameters.

EN 61290-1-1:2015 shall be used in conjunction with EN 61290-1 and EN 61291-1.

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

IEC 61290-10	NOTE	Harmonized in EN 61290-10 series (not modified).
IEC 60793-2-50	NOTE	Harmonized as EN 60793-2-50.

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61290-1	-	Optical amplifiers - Test methods - Part 1: Power and gain parameters	EN 61290-1	-
IEC 61291-1	-	Optical amplifiers - Part 1: Generic specification	EN 61291-1	-

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# INTERNATIONAL STANDARD

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

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INTERNATIONAL  
ELECTROTECHNICAL  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**OPTICAL AMPLIFIERS – TEST METHODS –****Part 1-1: Power and gain parameters –  
Optical spectrum analyzer method**

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International Standard IEC 61290-1-1 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

This third edition cancels and replaces the second edition published in 2006 and constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) updates on the characteristics of measurement apparatus;
- b) revised list of addressed optical amplifier parameters.