
**Optični ojačevalniki – Preskusne metode – 5-1. del: Parametri odbojnosti –
Metoda z analizatorjem optičnega spektra (IEC 61290-5-1:2006)**

Optical amplifiers - Test methods – Part 5-1: Reflectance parameters – Optical
spectrum analyzer method (IEC 61290-5-1:2006)

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English version

**Optical amplifiers -
Test methods
Part 5-1: Reflectance parameters -
Optical spectrum analyzer method
(IEC 61290-5-1:2006)**

Amplificateurs optiques -
Méthodes d'essais
Partie 5-1: Paramètres de réflectance -
Méthode d'analyseur de
spectre optique
(CEI 61290-5-1:2006)

Lichtwellenleiter-Verstärker -
Prüfverfahren
Teil 5-1: Reflexionsparameter -
Verfahren mit optischem
Spektralanalysator
(IEC 61290-5-1:2006)

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SIST EN 61290-5-1:2007

This European Standard was approved by CENELEC on 2006-06-01. 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.

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CENELEC members are the national electrotechnical committees of Austria, Belgium, 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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 86C/697/FDIS, future edition 2 of IEC 61290-5-1, 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 was approved by CENELEC as EN 61290-5-1 on 2006-06-01.

This European Standard supersedes EN 61290-5-1:2000.

The applicability of the standard has been extended to all commercially available optical amplifiers - not just optical fiber amplifiers.

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) 2007-03-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-06-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61290-5-1:2006 was approved by CENELEC as a European Standard without any modification. (standards.iteh.ai)

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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 61291-1	- ¹⁾	Optical fibre amplifiers Part 1: Generic specification	EN 61291-1	1998 ²⁾

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¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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**NORME
INTERNATIONALE
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Deuxième édition
Second edition
2006-05

**Amplificateurs optiques –
Méthodes d'essais –**

**Partie 5-1:
Paramètres de réflectance –
Méthode d'analyseur de spectre optique**

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**Optical amplifiers –
Test methods –**

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**Part 5-1:
Reflectance parameters –
Optical spectrum analyzer method**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**OPTICAL AMPLIFIERS –
TEST METHODS –****Part 5-1: Reflectance parameters –
Optical spectrum analyzer method**

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International Standard IEC 61290-5-1 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 2000. It constitutes a technical revision. In this edition the applicability has been extended to all commercially available optical amplifiers—not just optical fiber amplifiers.