



NSAI
Standards

Irish Standard
I.S. EN 61290-3:2008

Optical amplifiers - Test methods -- Part 3: Noise figure parameters (IEC 61290-3:2008 (EQV))

I.S. EN 61290-3:2008

Incorporating amendments/corrigenda issued since publication:

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|--|--|---|
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I.S. EN 61290-3:2008

EUROPEAN STANDARD

EN 61290-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2008

ICS 33.180.30

Supersedes EN 61290-3:2000

English version

**Optical amplifiers -
Test methods -
Part 3: Noise figure parameters
(IEC 61290-3:2008)**

Amplificateurs optiques -
Méthodes d'essais -
Partie 3: Paramètres du facteur de bruit
(CEI 61290-3:2008)

Lichtwellenleiter-Verstärker -
Prüfverfahren -
Teil 3: Rauschzahlparameter
(IEC 61290-3:2008)

This European Standard was approved by CENELEC on 2008-10-01. 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.

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, 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

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Foreword

The text of document 86C/842/FDIS, future edition 2 of IEC 61290-3, 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 61290-3 on 2008-10-01.

This European Standard supersedes EN 61290-3:2000.

EN 61290-3:2008 includes updates to specifically address additional types of optical amplifiers and to highlight that the EN 61290-3 series pertains to single-channel amplifiers. References have been added to the documents pertaining to multichannel 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) 2009-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2011-10-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61290-3:2008 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61290-10 NOTE Harmonized in EN 61290-10 series (not modified).

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 61290-3-1 | - ¹⁾ | Optical amplifiers - Test methods - Part 3-1: Noise figure parameters - Optical spectrum analyzer method | EN 61290-3-1 | 2003 ²⁾ |
| IEC 61290-3-2 | - ¹⁾ | Optical amplifiers - Test methods - Part 3-2: Noise figure parameters - Electrical spectrum analyzer method | EN 61290-3-2 | 2008 ²⁾ |
| IEC 61291-1 | - ¹⁾ | Optical amplifiers - Part 1: Generic specification | EN 61291-1 | 2006 ²⁾ |

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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