



**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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<b>NSAI</b> 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	<b>Sales:</b> T +353 1 857 6730 F +353 1 857 6729 W standards.ie
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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.

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**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**

## **I.S. EN 61290-3:2008**

EN 61290-3:2008

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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.

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### **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).

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

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.



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