



**SLOVENSKI STANDARD**  
**SIST EN 61290-2-2:1999**  
**01-maj-1999**

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**Optical fibre amplifiers - Basic specification - Part 2-2: Test methods for optical power parameters - Electrical spectrum analyzer (IEC 61290-2-2:1998)**

Optical fibre amplifiers - Basic specification -- Part 2-2: Test methods for optical power parameters - Electrical spectrum analyzer

Lichtwellenleiter-Verstärker - Grundspezifikation -- Teil 2-2: Prüfverfahren für optische Leistungsparameter - Elektrischer Spektralanalysator

Amplificateurs à fibres optiques - Spécification de base -- Partie 2-2: Méthodes d'essai pour les paramètres de puissance optique - Analyseur de spectre électrique

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**Ta slovenski standard je istoveten z: EN 61290-2-2:1998**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61290-2-2**

August 1998

ICS 33.180.01

English version

**Optical fibre amplifiers - Basic specification**  
**Part 2-2: Test methods for optical power parameters**  
**Electrical spectrum analyzer**  
**(IEC 61290-2-2:1998)**

Amplificateurs à fibres optiques  
Spécification de base  
Partie 2-2: Méthodes d'essai pour  
les paramètres de puissance optique  
Analyseur de spectre électrique  
(CEI 61290-2-2:1998)

Lichtwellenleiter - Verstärker  
Grundspezifikation  
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optische Leistungsparameter  
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This European Standard was approved by CENELEC on 1998-08-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and 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/182/FDIS, future edition 1 of IEC 61290-2-2, 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 61290-2-2 on 1998-08-01.

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) 1999-05-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2001-05-01

Annexes designated "normative" are part of the body of the standard.  
Annexes designated "informative" are given for information only.  
In this standard, annex ZA is normative and annexes A and B are informative.  
Annex ZA has been added by CENELEC.

### Endorsement notice

The text of the International Standard IEC 61290-2-2:1998 was approved by CENELEC as a European Standard without any modification.

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

IEC 60825-1 NOTE: Harmonized as EN 60825-1:1994(not modified) + A11:1996.

IEC 60825-2 NOTE: Harmonized as EN 60825-2:1994(not modified).



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**Annex ZA (normative)****Normative references to international publications  
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60793-1-4	1995	Optical fibres Part 1: Generic specification Section 4: Measuring methods for transmission and optical characteristics	-	-
IEC 61291-1	1998	Optical fibre amplifiers Part 1: Generic specification	EN 61291-1	1998

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**NORME  
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**61290-2-2**

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1998-06

**Amplificateurs à fibres optiques –  
Spécification de base –**

**Partie 2-2:  
Méthodes d'essai pour les paramètres  
de puissance optique –  
Analyseur de spectre électrique**

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**Optical fibre amplifiers –  
Basic specification –**

**Part 2-2:  
Test methods for optical power parameters –  
Electrical spectrum analyzer**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**OPTICAL FIBRE AMPLIFIERS –  
BASIC SPECIFICATION –  
Part 2-2: Test methods for optical power parameters –  
Electrical spectrum analyzer**

## FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
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- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 61290-2-2 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

It shall be read in conjunction with IEC 61291-1.

The text of this standard is based on the following documents:

FDIS	Report on voting
86C/182/FDIS	86C/210/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

Annexes A and B are for information only.