

INTERNATIONAL STANDARD

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

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IEC 61290-1-1:2015

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

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 33.180.30

ISBN 978-2-8322-2669-8

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

FOREWORD

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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.

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

FDIS	Report on voting
86C/1309/FDIS	86C/1328/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.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This standard shall be used in conjunction with IEC 61290-1 and IEC 61291-1.

A list of all parts of the IEC 61290 series, published under the general title *Optical amplifiers – Test methods*¹ can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date

¹ The first editions of some of these parts were published under the general title *Optical fibre amplifiers – Basic specification* or *Optical amplifier test methods*.