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Date: 09 January 2025

Origin: International

Latest date for receipt of comments: 31 January 2025

Project No. 2025/00161

Responsible committee: GEL/86/3 Fibre optic systems and active devices

Interested committees:

Title: BS EN IEC 61290-1-2 Optical amplifiers - Test methods

Part 1-2: Power and gain parameters - Electrical spectrum analyzer method

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

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- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

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UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



86C/1957/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER:
IEC 61290-1-2 ED3

DATE OF CIRCULATION:
2024-12-20

CLOSING DATE FOR COMMENTS:
2025-02-14

SUPERSEDES DOCUMENTS:
86C/1954/RR

IEC SC 86C : FIBRE OPTIC SYSTEMS, SENSING AND ACTIVE DEVICES

SECRETARIAT:
United States of America

SECRETARY:
Mr Fred Heismann

OF INTEREST TO THE FOLLOWING COMMITTEES:

HORIZONTAL FUNCTION(S):

ASPECTS CONCERNED:

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Recipients of this document are invited to submit, with their comments, notification of any local regulations or technical reasons that may exist and should be considered should this proposal proceed, recognizing that failure to address such requirements could result in the need for new or existing "In Some Countries" clauses. (SEE [AC/22/2007](#) OR [NEW GUIDANCE DOC](#)).

TITLE:

Optical amplifiers - Test methods - Part 1-2: Power and gain parameters - Electrical spectrum analyzer method

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL AMPLIFIERS – TEST METHODS –

Part 1-2: Power and gain parameters –
Electrical spectrum analyzer method

FOREWORD

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- IEC 61290-1-2 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics. It is an International Standard.
- This third edition cancels and replaces the second edition published in 2005. This edition constitutes a technical revision.
- This edition includes the following significant technical changes with respect to the previous edition:
- a) Clarifying information on the applicability of this document is added to the scope;
 - b) The scope is harmonized with the IEC 61290-1 series;
 - c) Safety recommendations are added to Clauses 4 and 5;

d) An error is corrected in Clause 7, item e);

e) The term "wavelength measurement accuracy" is replaced with "wavelength accuracy".

The text of this International Standard is based on the following documents:

Draft	Report on voting
XX/XX/FDIS	XX/XX/RVD

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

The language used for the development of this International Standard is English.

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

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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

- reconfirmed,
- withdrawn, or
- revised.