



**BSI Standards Publication**

## **Optical amplifiers — Test methods**

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Part 1-3: Power and gain parameters — Optical power meter method

## National foreword

This British Standard is the UK implementation of EN IEC 61290-1-3:2021. It is identical to IEC 61290-1-3:2021. It supersedes BS EN 61290-1-3:2015, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/86/3, Fibre optic systems and active devices.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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### Amendments/corrigenda issued since publication

| Date | Text affected |
|------|---------------|
|------|---------------|

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English Version

Optical amplifiers - Test methods - Part 1-3: Power and gain  
parameters - Optical power meter method  
(IEC 61290-1-3:2021)

Amplificateurs optiques - Méthodes d'essai - Partie 1-3:  
Paramètres de puissance et de gain - Méthode par appareil  
de mesure de la puissance optique  
(IEC 61290-1-3:2021)

Prüfverfahren für Lichtwellenleiter-Verstärker - Teil 1-3:  
Leistungs- und Verstärkerparameter - Verfahren mit  
optischem Leistungsmessgerät  
(IEC 61290-1-3:2021)

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

## European foreword

The text of document 86C/1671/CDV, future edition 4 of IEC 61290-1-3, 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 approved by CENELEC as EN IEC 61290-1-3:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2022-01-05 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-04-05 document have to be withdrawn

This document supersedes EN 61290-1-3:2015 and all of its amendments and corrigenda (if any).

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

|                       |      |                                        |
|-----------------------|------|----------------------------------------|
| IEC 60793-1-1         | NOTE | Harmonized as EN 60793-1-1             |
| IEC 60793-1-40        | NOTE | Harmonized as EN IEC 60793-1-40        |
| IEC 60825-1           | NOTE | Harmonized as EN 60825-1               |
| IEC 60825-2           | NOTE | Harmonized as EN 60825-2               |
| IEC 61290-1           | NOTE | Harmonized as EN 61290-1               |
| IEC 61290-1-1         | NOTE | Harmonized as EN IEC 61290-1-1         |
| IEC 61290-10 (series) | NOTE | Harmonized as EN IEC 61290-10 (series) |

## Annex ZA

(normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

| <u>Publication</u> | <u>Year</u> | <u>Title</u>                                                                                                | <u>EN/HD</u>      | <u>Year</u> |
|--------------------|-------------|-------------------------------------------------------------------------------------------------------------|-------------------|-------------|
| IEC 60793-2-50     | -           | Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres | EN IEC 60793-2-50 | -           |
| IEC 61291-1        | -           | Optical amplifiers – Part 1: Generic specification                                                          | EN IEC 61291-1    | -           |

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