BS EN IEC 61290-1:2022

BSI Standards Publication

Optical amplifiers — Test methods

Part 1: Power and gain parameters

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Full document details: BS EN IEC 61290-1:2022

National foreword

This British Standard is the UK implementation of EN IEC 61290-1:2022. It is identical to IEC 61290-1:2022. It supersedes BS EN 61290-1:2015, which is withdrawn.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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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 December 2022.

Amendments/corrigenda issued since publication

Date	Text affected

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61290-1

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Supersedes EN 61290-1:2015

English Version

Optical amplifiers - Test methods - Part 1: Power and gain parameters (IEC 61290-1:2022)

Amplificateurs optiques - Méthodes d'essai - Partie 1: Paramètres de puissance et de gain (IEC 61290-1:2022)

Prüfverfahren für Lichtwellenleiter-Verstärker - Teil 1: Optische Leistungs- und Verstärkungsparameter (IEC 61290-1:2022)

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

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European foreword

The text of document 86C/1746/CDV, future edition 2 of IEC 61290-1, 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 61290-1:2022.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-04-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-07-12

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The text of the International Standard IEC 61290-1:2022 was approved by CENELEC as a European Standard without any modification.

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 61290-10 (series)	NOTE Harmonized as EN 61290-10 (series)

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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.

Publication	Year	Title	EN/HD	Year
IEC 61290-1-1	-	Optical amplifiers - Test methods - Part 1-1: Power and gain parameters - Optical spectrum analyzer method	EN IEC 61290-1-1	-
IEC 61290-1-2	-	Optical amplifiers - Test methods - Part 1-2: Power and gain parameters - Electrical spectrum analyzer method	EN 61290-1-2	-
IEC 61290-1-3	-	Optical amplifiers - Test methods - Part 1-3: Power and gain parameters - Optical power meter method	EN IEC 61290-1-3	-
IEC 61291-1	2018	Optical amplifiers - Part 1: Generic specification	EN IEC 61291-1	2018

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