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Optical amplifiers - Test methods - Part 1-3: Power and gain parameters - Optical power meter method

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NATIONAL FOREWORD

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NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61290-1-3

April 2021

ICS 33.180.30

Supersedes EN 61290-1-3:2015 and all of its amendments and corrigenda (if any)

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 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 level by publication of an identical national standard or by endorsement (dop) 2022-01-05
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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)

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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 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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IEC 61290-1-3

Edition 4.0 2021-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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Optical amplifiers – Test methods – Part 1-3: Power and gain parameters – Optical power meter method

Amplificateurs optiques – Méthodes d'essai – Partie 1-3: Paramètres de puissance et de gain – Méthode par appareil de mesure de la puissance optique



IEC 61290-1-3:2021-03(en-fr)

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IEC 61290-1-3

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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OPTICAL AMPLIFIERS – TEST METHODS –

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

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IEC 61290-1-3 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 fourth edition cancels and replaces the third edition published in 2015. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) harmonization with IEC 61290-1-1;
b) use of the term "measurement uncertainty" instead of "measurement accuracy".

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

Draft	Report on voting
86C/1671/CDV	86C/1698/RVC

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.

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/standardsdev/publications.

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