

Optical amplifiers — Test methods —

Part 10-4: Multichannel parameters — Interpolated source subtraction method using an optical spectrum analyzer

The European Standard EN 61290-10-4:2007 has the status of a
British Standard

ICS 33.180.30

National foreword

This British Standard is the UK implementation of EN 61290-10-4:2007. It is identical to IEC 61290-10-4:2007.

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

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 28 September 2007

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ISBN 978 0 580 56242 6

Amendments issued since publication

Amd. No.	Date	Comments

**Optical amplifiers -
Test methods -
Part 10-4: Multichannel parameters -
Interpolated source subtraction method
using an optical spectrum analyzer
(IEC 61290-10-4:2007)**

Amplificateurs optiques -
Méthodes d'essais -
Partie 10-4: Paramètres
à canaux multiples -
Méthode par soustraction
de la source interpolée en utilisant
un analyseur de spectre optique
(CEI 61290-10-4:2007)

Prüfverfahren
für Lichtwellenleiter-Verstärker -
Teil 10-4: Mehrkanal-Parameter -
Quellen-Interpolations- und
Subtraktionsverfahren
unter Verwendung eines
optischen Spektralanalysators
(IEC 61290-10-4:2007)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 86C/724/CDV, future edition 1 of IEC 61290-10-4, prepared by SC 86C, Fibre optic systems and active devices, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel Unique Acceptance Procedure and was approved by CENELEC as EN 61290-10-4 on 2007-06-01.

This standard is to be used in conjunction with EN 61291-1:2006.

The following dates were fixed:

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|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2008-03-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2010-06-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61290-10-4:2007 was approved by CENELEC as a European Standard without any modification.

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INTRODUCTION

This International Standard is devoted to the subject of optical amplifiers. The technology of optical amplifiers is still rapidly evolving, hence amendments and new additions to this standard can be expected.