SLOVENSKI STANDARD
SIST EN 61290-7-1:2007

01-november-2007

Nadomeġļ a:
SIST EN 61290-7-1:1999

Optiļ ni ojaļ evalniki ï Preskuġalne metode ï 7-1. del: Zunajpasovna vnesena slabljenja ï Metoda s filtriranim optiļ nim ġtevcem (IEC 61290-7-1:2007)

Optical amplifiers - Test methods -- Part 7-1: Out-of-band insertion losses - Filtered optical power meter method (IEC 61290-7-1:2007)

Prüfverfahren für Lichtwellenleiter-Verstärker -- Teil 7-1: Einfügungsdämpfungen außerhalb des Bandes - Leistungsmessverfahren mit optischem Filter (IEC 61290-7-1:2007)

Amplificateurs optiques - Méthodes d'essai - Partie 7-1: Pertes d'insertion hors-bande - Méthode par puissance-metre optique filtré (IEC 61290-7-1:2007)

Ta slovenski standard je istoveten z: **EN 61290-7-1:2007**

ICS:

33.180.30	Optiļ ni ojaļ evalniki	Optic amplifiers

SIST EN 61290-7-1:2007 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61290-7-1

June 2007

ICS 33.180.30

Supersedes EN 61290-7-1:1998

English version

Optical amplifiers - Test methods - Part 7-1: Out-of-band insertion losses - Filtered optical power meter method

(IEC 61290-7-1:2007)

Amplificateurs optiques - Méthodes d'essai - Partie 7-1: Pertes d'insertion hors-bande - Méthode par puissance-mètre optique filtré

(CEI 61290-7-1:2007)

Prüfverfahren für Lichtwellenleiter-Verstärker - Teil 7-1: Einfügungsdämpfungen außerhalb des Bandes - Leistungsmessverfahren mit optischem Filter

(IEC 61290-7-1:2007)

This European Standard was approved by CENELEC on 2007-05-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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

Ref. No. EN 61290-7-1:2007 E

Foreword

The text of document 86C/726/CDV, future edition 2 of IEC 61290-7-1, 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 61290-7-1 on 2007-05-01.

This European Standard supersedes EN 61290-7-1:1998.

The main significant changes are the following:

– the title has been changed to be consistent with other documents in the EN 61290 series;

– the applicability has been extended to all commercially available optical amplifiers - not just optical fiber amplifiers;

– Clause 9, EMC, has been added.

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

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2008-02-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2010-05-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61290-7-1:2007 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	NOTE	Harmonized in EN 60793-1 series (not modified).
IEC 60825-2	NOTE	Harmonized as EN 60825-2:2004 (not modified).
IEC 60874-1	NOTE	Harmonized as EN 60874-1:2003 (not modified).

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 61291-1	- [1)]	Optical amplifiers - Part 1: Generic specification	EN 61291-1	2006 [2)]

[1)] Undated reference.

[2)] Valid edition at date of issue.

INTERNATIONAL STANDARD

NORME INTERNATIONALE

IEC
CEI
61290-7-1

Second edition
Deuxième édition
2007-04

Optical amplifiers –
Test methods –

Part 7-1:
Out-of-band insertion losses –
Filtered optical power meter method

Amplificateurs optiques –
Méthodes d'essai –

Partie 7-1:
Pertes d'insertion hors-bande –
Méthode par puissance-mètre optique filtré

Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE
CODE PRIX
K

For price, see current catalogue
Pour prix, voir catalogue en vigueur

CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL AMPLIFIERS –
TEST METHODS –

Part 7-1: Out-of-band insertion losses –
Filtered optical power meter method

FOREWORD

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International Standard IEC 61290-7-1 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 1998 and constitutes a technical revision. The main significant changes are the following:

a) the title has been changed to be consistant with other documents in the IEC 61290 series;
b) the applicability has been extended to all commercially available optical amplifiers - not just optical fiber amplifiers;
c) Clause 9, EMC, has been added.

This standard shall be used in conjunction with IEC 61291-1. It was established on the basis of the second (2006) edition of that standard.