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**Optični ojačevalniki – Preskusne metode – 11-2. del: Parameter disperzije polarizacijskega načina – Metoda analize s Poincaréjevo kroglo (IEC 61290-11-2:2005)**

Optical amplifiers - Test methods - Part 11-2: Polarization mode dispersion parameter - Poincaré sphere analysis method (IEC 61290-11-2:2005)

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English version

**Optical amplifiers –  
Test methods  
Part 11-2: Polarization mode dispersion parameter –  
Poincaré sphere analysis method  
(IEC 61290-11-2:2005)**

Amplificateurs optiques –  
Méthodes d'essai  
Partie 11-2: Paramètre de dispersion  
en mode de polarisation –  
Méthode d'analyse par la sphère  
de Poincaré  
(CEI 61290-11-2:2005)

Prüfverfahren für Lichtwellenleiter-  
Verstärker  
Teil 11-2: Polarisationsmodendispersion -  
Kugelanalyse nach Poincaré  
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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/640/FDIS, future edition 1 of IEC 61290-11-2, 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 was approved by CENELEC as EN 61290-11-2 on 2005-04-01.

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) 2006-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-04-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61290-11-2:2005 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 60793-1-1:2003 (not modified).<br><a href="https://standards.iteh.ai/catalog/standards/sist/3536b15c-054c-42b0-ad7c-1e4dca17226/sist-en-61290-11-2-2005">https://standards.iteh.ai/catalog/standards/sist/3536b15c-054c-42b0-ad7c-1e4dca17226/sist-en-61290-11-2-2005</a> |
| IEC 60825-1   | NOTE | Harmonized as EN 60825-1:1994 (not modified).  |
| IEC 60825-2   | NOTE | Harmonized as EN 60825-2:2004 (not modified).  |
| IEC 60874-1   | NOTE | Harmonized as EN 60874-1:1999 (not modified).  |
| IEC 61291-1   | NOTE | Harmonized as EN 61291-1:1998 (not modified).  |
| IEC 61291-4   | NOTE | Harmonized as EN 61291-4:2003 (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 Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u> | <u>Title</u>  | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|---|--------------|-------------|
| IEC/TR 61292-5     | - 1)        | Optical amplifiers<br>Part 5: Polarization mode dispersion<br>parameter - General information | -            | -           |

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1) Undated reference.

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IEC

61290-11-2

Première édition  
First edition  
2005-03

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**Amplificateurs optiques –  
Méthodes d'essai –**

**Partie 11-2: Paramètre de dispersion  
en mode de polarisation –  
Méthode d'analyse par la sphère de Poincaré**

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**Optical amplifiers –  
Test methods –**

**Part 11-2: Polarization mode dispersion  
parameter –  
Poincaré sphere analysis method**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**OPTICAL AMPLIFIERS –  
TEST METHODS –**
**Part 11-2: Polarization mode dispersion parameter –  
Poincaré sphere analysis method**

## FOREWORD

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International Standard IEC 61290-11-2 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

The text of this standard is based on the following documents:

|              |                  |
|--------------|------------------|
| FDIS         | Report on voting |
| 86C/640/FDIS | 86C/660/RVD      |

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.