

**Aktivne komponente in naprave optičnih vlaken – Postopki preskušanja in merjenja – 1. del: Splošno in vodilo (IEC 62150-1:2005)**

Fibre optic active components and devices - Test and measurement procedures - Part 1: General and guidance (IEC 62150-1:2005)

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**Fibre optic active components and devices –  
Test and measurement procedures  
Part 1: General and guidance  
(IEC 62150-1:2005)**

Composants et dispositifs actifs  
à fibres optiques –  
Procédures d'essais et de mesures  
Partie 1: Généralités et lignes directrices  
(CEI 62150-1:2005)

Aktive Lichtwellenleiter-Bauteile und  
-Bauelemente –  
Prüf- und Messverfahren  
Teil 1: Allgemeines und Leitfaden  
(IEC 62150-1:2005)

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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.

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.

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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/657/FDIS, future edition 1 of IEC 62150-1, 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 was approved by CENELEC as EN 62150-1 on 2005-05-01.

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) 2006-02-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-05-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 62150-1:2005 was approved by CENELEC as a European Standard without any modification.

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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 60825-1	- 1)	Safety of laser products Part 1: Equipment classification, requirements and user's guide	EN 60825-1	1994 <sup>2)</sup>
IEC 60825-2	- <sup>1)</sup>	Part 2: Safety of optical fibre communication systems (OFCS)	EN 60825-2	2004 <sup>2)</sup>
IEC 61315	- <sup>1)</sup>	Calibration of fibre optic power meters	EN 61315	1997 <sup>2)</sup>
IEC/TR3 61930	- <sup>1)</sup>	Fibre optic graphical symbology		-
IEC/TR3 61931	- <sup>1)</sup>	Fibre optic - Terminology		-
IEC 62007	Series	Semiconductor optoelectronic devices for fibre optic system applications <a href="https://standards.iteh.ai/catalog/standards/sist/8726a083-6f58-48e3-9abb-6697d303fa1/sist-en-62150-1-2005">https://standards.iteh.ai/catalog/standards/sist/8726a083-6f58-48e3-9abb-6697d303fa1/sist-en-62150-1-2005</a>	EN 62007	Series
IEC 62148	Series	Fibre optic active components and devices - Package and interface standards	EN 62148	Series
IEC 62149	Series	Fibre optic active components and devices - Performance standards	EN 62149	Series

1) Undated reference.

2) Valid edition at date of issue.

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# NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI  
IEC  
62150-1

Première édition  
First edition  
2005-04

## Composants et dispositifs actifs à fibres optiques – Procédures d'essais et de mesures –

### Partie 1:

*iTECH STANDARD PREVIEW*  
(standards.iteh.ai)

**Fibre optic active components and devices –  
Test and measurement procedures –**  
SIST EN 62150-1:2005  
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### Part 1: General and guidance

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC ACTIVE COMPONENTS AND DEVICES –  
TEST AND MEASUREMENT PROCEDURES –****Part 1: General and guidance****FOREWORD**

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International Standard IEC 62150-1 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/657/FDIS	86C/662/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.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.