

# SLOVENSKI STANDARD

## SIST EN 62150-3:2012

01-november-2012

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**Aktivne optične komponente in naprave - Preskuševalni in merilni postopki - 3. del: Spreminjanje optične moči zaradi mehanskih motenj v optičnih sprejemnikih in oddajno-sprejemniških vmesnikih (IEC 62150-3:2012)**

Fibre optic active components and devices - Test and measurement procedures - Part 3: Optical power variation induced by mechanical disturbance in optical receptacles and transceiver interfaces (IEC 62150-3:2012)

**Aktive Lichtwellenleiter-Bauteile und -Bauelemente - Grundlegende Prüf- und Messverfahren - Teil 3: Optische Leistungsabweichungen bedingt durch mechanische Störungen an Schnittstellen optischer Steckverbinder und Transceivern (IEC 62150-3:2012)**

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Composants et dispositifs actifs à fibres optiques - Procédures d'essais et de mesures - Partie 3: Variation de puissance optique induite par des perturbations mécaniques dans les interfaces d'émetteurs-récepteurs et d'embases optiques (CEI 62150-3:2012)

**Ta slovenski standard je istoveten z: EN 62150-3:2012**

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**ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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**SIST EN 62150-3:2012**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 62150-3**

September 2012

ICS 33.180.20

English version

**Fibre optic active components and devices -  
Test and measurement procedures -  
Part 3: Optical power variation induced by mechanical disturbance in  
optical receptacles and transceiver interfaces  
(IEC 62150-3:2012)**

Composants et dispositifs actifs à fibres  
optiques -  
Procédures d'essais et de mesures -  
Partie 3: Variation de puissance optique  
induite par des perturbations mécaniques  
dans les interfaces d'embases optiques et  
d'émetteurs-récepteurs  
(CEI 62150-3:2012)

Aktive Lichtwellenleiter-Bauteile und -  
Bauelemente -  
Grundlegende Prüf- und Messverfahren -  
Teil 3: Optische Leistungsabweichungen  
bedingt durch mechanische Störungen in  
optischen Kupplungen und Transceiver-  
Schnittstellen  
(IEC 62150-3:2012)

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**CENELEC**

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 86C/1061/FDIS, future edition 1 of IEC 62150-3, 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 62150-3:2012.

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) 2013-05-13
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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61300 (series) NOTE Harmonized in EN 61300 series (not modified).  
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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61753	Series	Fibre optic interconnecting devices and passive components performance standard	EN 61753	Series
IEC 61753-021-6	-	Fibre optic interconnecting devices and passive components performance standard - Part 021-6: Grade B/2 single-mode fibre optic connectors for category O - Uncontrolled environment	EN 61753-021-6	-
IEC 61754	Series	Fibre optic connector interfaces	EN 61754	Series

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC ACTIVE COMPONENTS AND DEVICES –  
TEST AND MEASUREMENT PROCEDURES –**
**Part 3: Optical power variation induced by mechanical disturbance  
in optical receptacles and transceiver interfaces**

## FOREWORD

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International Standard IEC 62150-3 has been prepared by subcommittee 86C: Fibre optic systems and active devices 86: Fibre optics.

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

FDIS	Report on voting
86C/1061/FDIS	86C/1072/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.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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