
Optični spojni elementi in pasivne komponente - Osnovni preskusni in merilni postopki - 3-14. del: Preiskave in meritve - Pogrešek in ponovljivost nastavitvev slabljenja spremenljivega atenuatorja

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-14: Examinations and measurements - Error and repeatability of the attenuation settings of a variable optical attenuator

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren - Teil 3-14: Untersuchungen und Messungen - Abweichung und Reproduzierbarkeit der Einstellung eines einstellbaren optischen Dämpfungsgliedes

Dispositifs d'interconnexion et composants fibroniques - Procédures fondamentales d'essais et de mesures - Partie 3-14: Examens et mesures - Erreur et répétabilité des positions d'affaiblissement d'un affaiblisseur optique variable

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Ta slovenski standard je istoveten z: prEN IEC 61300-3-14:2024

ICS:

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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oSIST prEN IEC 61300-3-14:2024 **en**



86B/4913/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: IEC 61300-3-14 ED4	
DATE OF CIRCULATION: 2024-06-07	CLOSING DATE FOR VOTING: 2024-08-30
SUPERSEDES DOCUMENTS: 86B/4859/CD, 86B/4886A/CC	

IEC SC 86B : FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS	
SECRETARIAT: Japan	SECRETARY: Mr Shigeru Tomita
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: <input type="checkbox"/> Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: <input type="checkbox"/> EMC <input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> QUALITY ASSURANCE <input type="checkbox"/> SAFETY	
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TITLE:

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-14: Examinations and measurements - Error and repeatability of the attenuation settings of a variable optical attenuator

PROPOSED STABILITY DATE: 2031

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING
DEVICES AND PASSIVE COMPONENTS –
BASIC TEST AND MEASUREMENT PROCEDURES –****Part 3-14: Examinations and measurements –
Error and repeatability of the attenuation settings
of a variable optical attenuator**

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International Standard IEC 61300-3-14 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This fourth edition cancels and replaces the third edition published in 2014 and constitutes a technical revision

This edition includes the following significant technical changes with respect to the previous edition:

- a) addition of IEC 61315, Calibration of fibre-optic power meters as normative reference;
- b) addition of clause 3 containing terms, definitions and abbreviated terms;

- 54 c) addition of notes for permission of repeatability definition with 2σ ;
 55 d) correction of error of Fig.1a and 1b;
 56 e) clear statement on EF launch condition requirement for MM source;
 57 f) change of “Detector” to “Power meter”;
 58 g) combination of clauses 7 and 8 in new clause 8 titled “Details to be specified and reported”;
 59 h) additions of uncertainty considerations in clause 8;
 60 i) error correction on equation B.3.

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

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FDIS	Report on voting
86B/XX/FDIS	86B/XX/RVD

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

67 The language used for the development of this International Standard is English.

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

69 A list of all parts in the IEC 61300 series, published under the general title, *Fibre optic*
 70 *interconnecting devices and passive components – Basic test and measurement procedures*
 71 can be found on the IEC website.

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

- 75 • reconfirmed,
 76 • withdrawn,
 77 • replaced by a revised edition, or
 78 • amended.

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