# SLOVENSKI STANDARD
# oSIST prEN IEC 61300-3-50:2024

**01-marec-2024**

---

**Optični spojni elementi in pasivne komponente - Osnovni preskusni in merilni postopki - 3-50. del: Preiskave in meritve - Presluh pri optičnih prostorskih stikalih**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-50: Examinations and measurements - Crosstalk for optical spatial switches

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren - Teil 3-50: Untersuchungen und Messungen - Übersprechen bei räumlichen optischen Schaltern

Dispositifs d'interconnexion et composants passifs à fibres optiques - Procédures fondamentales d'essais et de mesures - Partie 3-50: Examens et mesures - Diaphonie relative aux commutateurs spatiaux optiques



**Ta slovenski standard je istoveten z:** **prEN IEC 61300-3-50:2024**

---

**ICS:**

| | | |
|---|---|---|
| 33.180.20 | Povezovalne naprave za optična vlakna | Fibre optic interconnecting devices |

**oSIST prEN IEC 61300-3-50:2024** **en**

# 86B/4841/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

| | |
|---|---|
| PROJECT NUMBER: **IEC 61300-3-50 ED2** | |
| DATE OF CIRCULATION: **2024-01-26** | CLOSING DATE FOR VOTING: **2024-04-19** |
| SUPERSEDES DOCUMENTS: **86B/4720/CD, 86B/4752A/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: ☐ Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary. |

FUNCTIONS CONCERNED:

☐ EMC ☐ ENVIRONMENT ☐ QUALITY ASSURANCE ☐ SAFETY

| | |
|---|---|
| ☒ SUBMITTED FOR CENELEC PARALLEL VOTING<br>**Attention IEC-CENELEC parallel voting**<br>The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting.<br>The CENELEC members are invited to vote through the CENELEC online voting system. | ☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING |



This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.



Recipients of this document are invited to submit, with their comments, notification of any relevant "In Some Countries" clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE AC/22/2007 OR NEW GUIDANCE DOC).

TITLE:

**Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-50: Examinations and measurements - Crosstalk for optical spatial switches**

PROPOSED STABILITY DATE: 2029

NOTE FROM TC/SC OFFICERS:

# CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

_____

# FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – BASIC TEST AND MEASUREMENT PROCEDURES –

## Part 3-50: Examinations and measurements – Crosstalk for optical spatial switches

## FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.

2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.

3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.

4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.

5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.

6) All users should ensure that they have the latest edition of this publication.

7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.

8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.

9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 61300-3-50 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 2013 and constitutes a technical revision.

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

a.) including corrigenda 1 (January 2015) and corrigenda 2 (July 2015)
b.) revising structure of the document

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

| FDIS | Report on voting |
|---|---|
| 86B/xxxx/FDIS | 86B/xxxx/RVD |

93
94 Full information on the voting for the approval of this standard can be found in the report on
95 voting indicated in the above table.

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

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

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

103 • reconfirmed,
104 • withdrawn,
105 • replaced by a revised edition, or
106 • amended.

107

108



109