SLOVENSKI STANDARD
oSIST prEN IEC 61300-2-50:2025

01-maj-2025

Optični spojni elementi in pasivne komponente - Osnovni postopki preskušanja in merjenja - 2-50. del: Preskusi - Preskus preverjanja optičnih konektorjev s statično obremenitvijo

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-50: Tests - Fibre optic connector proof test with static load

Dispositifs d'interconnexion et composants passifs à fibres optiques - Méthodes fondamentales d'essais et de mesures - Partie 2-50: Essais - Essai de résistance des connecteurs à fibres optiques sous charge statique

Ta slovenski standard je istoveten z: **prEN IEC 61300-2-50:2025**

ICS:

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices

oSIST prEN IEC 61300-2-50:2025 **en**

86B/5004/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER:	
IEC 61300-2-50 ED2	
DATE OF CIRCULATION:	CLOSING DATE FOR VOTING:
2025-03-21	**2025-06-13**
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86B/4948/CD, 86B/4960A/CC	

IEC SC 86B : FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS	
SECRETARIAT: Japan	SECRETARY: Mr Ryo Koyama
OF INTEREST TO THE FOLLOWING COMMITTEES:	HORIZONTAL FUNCTION(S):
ASPECTS CONCERNED:	
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TITLE:

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-50: Tests - Fibre optic connector proof test with static load

PROPOSED STABILITY DATE: 2033

NOTE FROM TC/SC OFFICERS:

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

Part 2-50: Tests – Fibre optic connector proof test with static load

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IEC 61300-2-50 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics. It is an International Standard.

This second edition cancels and replaces the first edition published in 2007. This edition constitutes a technical revision.

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

a) added normative references clause;

b) added terms and definitions clause;

c) added the straight pull test of pulling cap – plug – cable configuration;

d) the test procedure was modified including previsions for hardened connectors;

e) the severity of the test was updated according to the component and performance category;

f) added details to be specified and reported clause.

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

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

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

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

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.