



**SLOVENSKI STANDARD**  
**oSIST prEN IEC 62148-11:2024**  
**01-september-2024**

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**Aktivne komponente in naprave optičnih vlaken - Standardi oblike in vmesnika -  
11. del: Integrirani modulatorji z lasersko diodo s 14 kontakti in moduli z lasersko  
diodo za črpanje**

Fibre optic active components and devices - Package and interface standards - Part 11:  
14-pin modulator integrated laser diode modules and pump laser diode modules

iTeh Standards

Composants et dispositifs actifs fibroniques - Normes de boîtier et d'interface - Partie 11:  
Modules à diodes laser à modulateur intégré et à diodes laser de pompage de 14  
broches

**Ta slovenski standard je istoveten z: prEN IEC 62148-11:2024**

<https://standards.iteh.ai/catalog/standards/sist/28755f79-140b-451f-bef4-c4487f998c04/osist-pren-iec-62148-11-2024>

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**ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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**oSIST prEN IEC 62148-11:2024**                      **en**





# 86C/1925/CDV

## COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER:

**IEC 62148-11 ED3**

DATE OF CIRCULATION:

**2024-06-28**

CLOSING DATE FOR VOTING:

**2024-09-20**

SUPERSEDES DOCUMENTS:

**86C/1908/CD, 86C/1921/CC**

IEC SC 86C : FIBRE OPTIC SYSTEMS AND ACTIVE DEVICES

SECRETARIAT:

United States of America

SECRETARY:

Mr Fred Heismann

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

**Attention IEC-CENELEC parallel voting**

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.

The CENELEC members are invited to vote through the CENELEC online voting system.

 NOT SUBMITTED FOR CENELEC PARALLEL VOTING

<https://standards.iteh.ai/catalog/standards/sist/28755179-140b-4511-be14-c44871998c04/osist-pren-iec-62148-11-2024>

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TITLE:

**Fibre optic active components and devices - Package and interface standards - Part 11: 14-pin modulator integrated laser diode modules and pump laser diode modules**

PROPOSED STABILITY DATE: 2028

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC ACTIVE COMPONENTS AND DEVICES –  
PACKAGE AND INTERFACE STANDARDS –****Part 11: 14-pin modulator integrated laser diode modules and  
pump laser diode modules**

## FOREWORD

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IEC 62148-11 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics. It is an International Standard.

This third edition cancels and replaces the second edition published in 2009. This edition constitutes a technical revision.

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

- a) Change of the document title to better reflect the type of modules covered by this document;

57 b) Separation of the electrical and mechanical interface specifications for modulator  
 58 integrated laser diode modules and for pump laser diode modules into independent  
 59 subclauses;

60 c) Updates of the dimensions specified in Figure 4 to reflect the latest market situation;

61 d) Removal of former subclause 6.3 (“Drawings of footprint”).

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

Draft	Report on voting
86C/XXXX/FDIS	86C/XXXX/RVD

63  
 64 Full information on the voting for its approval can be found in the report on voting indicated in  
 65 the above table.

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

67 This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in  
 68 accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement,  
 69 available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by  
 70 IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

71 A list of all parts of the IEC 62148 series, published under the general title *Fibre optic active*  
 72 *components and devices – Package and interface standards*, can be found on the IEC  
 73 website.

74 The committee has decided that the contents of this document will remain unchanged until the  
 75 stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the  
 76 specific document. At this date, the document will be

- 77 • reconfirmed,
- 78 • withdrawn,
- 79 • replaced by a revised edition, or
- 80 • amended.

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