
Aktivne komponente in naprave z optičnimi vlakni - Standardi za ohišja in vmesnike - 12. del: Laserski oddajniki s koaksialnim RF-konektorjem - Dopolnilo A1

Fibre optic active components and devices - Package and interface standards - Part 12: Laser transmitters with a coaxial RF connector

**iTeh STANDARD
PREVIEW**

Composants et dispositifs actifs en fibres optiques - Normes de boîtier et d'interface - Partie 12: Emetteurs à laser avec connecteur RF coaxial

Ta slovenski standard je istoveten z: EN 62148-12:2004/prA1:2022

<https://standards.iteh.ai/catalog/standards/sist/59-46683-0658-4632-a9fa-2b68df2909bc/sist-en-62148-12-2005-opra1-2022>

ICS:

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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SIST EN 62148-12:2005/oprA1:2022 **en**

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[SIST EN 62148-12:2005/oprA1:2022](https://standards.iteh.ai/catalog/standards/sist/33eacc83-0658-4632-a9fa-2b68df2909bc/sist-en-62148-12-2005-opra1-2022)

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86C/1786/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER:

IEC 62148-12/AMD1 ED1

DATE OF CIRCULATION:

2022-04-22

CLOSING DATE FOR VOTING:

2022-07-15

SUPERSEDES DOCUMENTS:

86C/1763/CD, 86C/1780/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: <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 checked="" type="checkbox"/> QUALITY ASSURANCE <input type="checkbox"/> SAFETY	
<input checked="" type="checkbox"/> 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.	<input type="checkbox"/> 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.

TITLE:

Amendment 1 - Fibre optic active components and devices - Package and interface standards - Part 12: Laser transmitters with a coaxial RF connector

PROPOSED STABILITY DATE: 2026

NOTE FROM TC/SC OFFICERS:

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC ACTIVE COMPONENTS AND DEVICES –
PACKAGE AND INTERFACE STANDARDS –**
Part 12: Laser transmitter with a coaxial RF connector
AMENDMENT 1
FOREWORD

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Amendment 1 to IEC 62148-12:2007 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

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

Draft	Report on voting
86C/XX/XXXX	86C/XX/XXX

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 Amendment is English.

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

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

- 61 • reconfirmed,
- 62 • withdrawn,
- 63 • replaced by a revised edition, or
- 64 • amended.

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69 FOREWORD

70 *Delete, in the penultimate existing paragraph, the following list of documents:*

- 71 Part 1: General and guidance
- 72 Part 2: SFF MT-RJ 10-pin transceivers
- 73 Part 3: SFF MT-RJ 20-pin transceivers
- 74 Part 4: PN 1x9 plastic optical fibres transceivers
- 75 Part 5: SC 1x9 fibre optic modules
- 76 Part 6: ATM-PON transceivers
- 77 Part 7: SFF LC 10-pin transceivers
- 78 Part 8: SFF LC 20-pin transceivers
- 79 Part 9: SFF MU duplex 10-pin transceivers
- 80 Part 10: SFF MU duplex 20-pin transceivers
- 81 Part 11: 14-pin modulator-integrated laser diode transmitters
- 82 Part 12: Laser transmitters with a coaxial RF connector.

83

84 2 Normative references

85 *Replace, in the list of normative references, the first existing list item (“IEC 60169-15”) with*
 86 *the following new reference:*

87 IEC 61169-15, *Radio-frequency connectors – Part 15: Sectional specification – RF coaxial*
 88 *connectors with inner diameter of outer conductor 4,13 mm (0,163 in) with threaded coupling*
 89 *– Characteristic impedance 50 Ω (type SMA)*

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91 *Replace, in the list of normative references, the second existing list item (“IEC 60169-16”) with*
 92 *the following new reference:*

93 IEC 61169-16, *Radio-frequency connectors - Part 16: Sectional specification - RF coaxial*
 94 *connectors with inner diameter of outer conductor 7 mm (0,276 in) with screw coupling -*
 95 *Characteristic impedance 50 ohms (75 ohms) (type N)*