## SLOVENSKI STANDARD

## SIST EN 62148-7:2004

september 2004

Aktivne komponente in naprave optičnih vlaken – Standardi oblike in vmesnika– 7. del: SFF LC 10 kontaktnih oddajnikov in sprejemnikov (IEC 62148-7:2003)\*

Fibre optic active components and devices - Package and interface standards - Part 7: SFF LC 10-pin transceivers (IEC 62148-7:2003)

# iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST EN 62148-7:2004</u> https://standards.iteh.ai/catalog/standards/sist/ddf22884-fbca-42b9-864e-3a37783a3a9a/sist-en-62148-7-2004

ICS 33.180.20

Referenčna številka SIST EN 62148-7:2004(en)

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### **EUROPEAN STANDARD**

### EN 62148-7

## NORME EUROPÉENNE

## **EUROPÄISCHE NORM**

April 2003

ICS 33.180.01

#### English version

### Fibre optic active components and devices -Package and interface standards Part 7: SFF LC 10-pin transceivers

(IEC 62148-7:2003)

Composants et dispositifs actifs en fibres optiques -Normes de boîtier et d'interface Partie 7: Emetteurs-récepteurs SFF LC à 10 broches (CEI 62148-7:2003) **iTeh STANDARD PREVIEW** 

Aktive Lichtwellenleiterbauelemente und -geräte -Gehäuse- und Schnittstellennormen Teil 7: Sende- und Empfangsmodule des Typs SFF LC mit 10 Anschlüssen

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#### SIST EN 62148-7:2004

https://standards.iteh.ai/catalog/standards/sist/ddf22884-fbca-42b9-864e-This European Standard was approved by CENELEC on 2003-03-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

# **CENELEC**

European Committee for Electrotechnical Standardization Comité Européen de Normalisation Electrotechnique Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

#### **Foreword**

The text of document 86C/490/FDIS, future edition 1 of IEC 62148-7, prepared by SC 86C, Fibre optic systems and active devices, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62148-7 on 2003-03-01.

The following dates were fixed:

latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement

(dop) 2003-12-01

- latest date by which the national standards conflicting with the EN have to be withdrawn

(dow) 2006-03-01

Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative. Annex ZA has been added by CENELEC.

This standard constitutes Part 7 of the EN 62148 series, published under the general title Fibre optic active components and devices - Package and interface standards. This series consists of Part 1, devoted to general requirements, and various parts specific to individual module families.

Part 1: General and guidance

Part 2:

SFF MT-RJ 10-pin transceivers NDARD PREVIEW Part 3:

Part 4:

PN 1x9 plastic optical fibre transceivers SC 1x9 fibre optic modules tandards.iteh.ai) Part 5:

Part 6: ATM-PON transceivers

Part 7: SFF LC 10-pin transceivers SIST EN 62148-7:2004

Part 8: SFF LC 20-pin-transceivers.ai/catalog/standards/sist/ddf22884-fbca-42b9-864e-

Part 9: SFF MU duplex 10-pin transceivers 9a/sist-en-62148-7-2004

Part 10: SFF MU duplex 20-pin transceivers

Part 11: 14-pin modulator-integrated laser diode modules

#### **Endorsement notice**

The text of the International Standard IEC 62148-7:2003 was approved by CENELEC as a European Standard without any modification.

# Annex ZA (normative)

# Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 61754-20	- 1)	Fibre optic connector interfaces Part 20: Type LC connector family	EN 61754-20	2002 2)
IEC 62148-1	- <sup>1)</sup>	Fibre optic active components and devices - Package and interface standards  Part : General and guidance R F V II	EN 62148-1	2002 <sup>2)</sup>
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<u>SIST EN 62148-7:2004</u> https://standards.iteh.ai/catalog/standards/sist/ddf22884-fbca-42b9-864e-3a37783a3a9a/sist-en-62148-7-2004

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

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# NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI IEC 62148-7

> Première édition First edition 2003-02

Composants et dispositifs actifs en fibres optiques – Normes de boîtier et d'interface –

#### Partie 7:

Emetteurs récepteurs SFF LC à 10 broches

(standards.iteh.ai)

Fibre optic active components and devices –
Package and interface standards –
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Part 7:

SFF LC 10-pin transceivers

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#### INTERNATIONAL ELECTROTECHNICAL COMMISSION

# FIBRE OPTIC ACTIVE COMPONENTS AND DEVICES – PACKAGE AND INTERFACE STANDARDS –

#### Part 7: SFF LC 10-pin transceivers

#### **FORFWORD**

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the 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, the IEC publishes International Standards. 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. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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- Committees in that sense ch STANDARD PREVIEW

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

International Standard IEC 62148-7 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

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

FDIS	Report on voting
86C/490/FDIS	86C/509/RVD

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

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

This standard constitutes Part 7 of the IEC 62148 series, published under the general title *Fibre optic active components and devices – Package and interface standards*. This series consists of Part 1, devoted to general requirements, and various parts specific to individual module families.

Part 1: General and guidance

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