
Aktivne komponente in naprave optičnih vlaken – Standardi oblike in vmesnika– 2. del : SFF MT-RJ 10 kontaktnih oddajnikov in sprejemnikov (IEC 62148-2:2003)*

Fibre optic active components and devices - Package and interface standards - Part 2: SFF MT-RJ 10-pin transceivers (IEC 62148-2:2003)

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EUROPEAN STANDARD

EN 62148-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2002

ICS 33.180.01

English version

**Fibre optic active components and devices -
Package and interface standards
Part 1: General and guidance
(IEC 62148-1:2002)**

Composants et dispositifs actifs
en fibres optiques -
Normes de boîtier et d'interface
Partie 1: Généralités et lignes directrices
(CEI 62148-1:2002)

Aktive Lichtwellenleiter-Bauelemente
und -Geräte -
Gehäuse und Schnittstellennorm
Teil 1: Allgemeines und Leitfaden
(IEC 62148-1:2002)

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SIST EN 62148-1:2004

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This European Standard was approved by CENELEC on 2002-04-01. 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, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, 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/384/FDIS, future edition 1 of IEC 62148-1, 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 62148-1 on 2002-04-01.

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) 2003-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2005-04-01

This standard forms one of a series under the general title: *Fibre optic active coponents and devices - Package and interface standards*. This part 1 of EN 62148 covers general information and includes references, definitions and rules for creating an interface standard.

Subsequent parts are sequentially numbered and contain standard interfaces for specific active components and devices. Each part will be added as the interfaces become standardized for international use.

Endorsement notice

The text of the International Standard IEC 62148-1:2002 was approved by CENELEC as a European Standard without any modification. (standards.iteh.ai)

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60130 (Series)	NOTE	Harmonized as EN 60130 (Series) (not modified).
IEC 60191 (Series)	NOTE	Harmonized as EN 60191 (Series) (not modified).
IEC 60603 (Series)	NOTE	Harmonized as EN 60603 (Series) (not modified).
IEC 60793 (Series)	NOTE	Harmonized as EN 60793 (Series) (not modified).
IEC 61076 (Series)	NOTE	Harmonized as EN 61076 (Series) (not modified).
IEC 61300 (Series)	NOTE	Harmonized as EN 61300 (Series) (not modified).

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>	<u>EN/HD</u>	<u>Year</u>
IEC 60191-1	- ¹⁾	Mechanical standardization of semiconductor devices Part 1: Preparation of drawings of semiconductor devices	-	-
IEC 60794	Series	Optical fibre cables	EN 60794	Series
IEC 61754	Series	Fibre optic connector interfaces	EN 61754	Series
ISO 1101	1983	Technical drawings - Geometrical tolerancing - Tolerancing of form, orientation, location and run-out - Generalities, definitions, symbols, indications on drawings	-	-

¹⁾ Undated reference.

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NORME
INTERNATIONALE
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STANDARD

CEI
IEC

62148-1

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

**Partie 1:
Généralités et lignes directrices**

(standards.iteh.ai)

**Fibre optic active components and devices –
Package and interface standards –**

**Part 1:
General and guidance**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC ACTIVE COMPONENTS AND DEVICES –
PACKAGE AND INTERFACE STANDARDS –**
Part 1: General and guidance

FOREWORD

- 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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International Standard IEC 62148-1 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/384/FDIS	86C/397/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 standard forms one of a series under the general title: *Fibre optic active components and devices – Package and interface standards*. This part 1 of IEC 62148 covers general information and includes references, definitions and rules for creating an interface standard.

Subsequent parts are sequentially numbered and contain standard interfaces for specific active components and devices. Each part will be added as the interfaces become standardized for international use.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

The committee has decided that the contents of this publication will remain unchanged until 2006. At this date, the publication will be

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

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