
**Aktivne komponente in naprave optičnih vlaken – Standardi oblike in
vmesnika– 6. del: ATM-PON oddajniki in sprejemniki (IEC 62148-6:2003)***

Fibre optic active components and devices - Package and interface standards - Part
6: ATM- PON transceivers (IEC 62148-6:2003)

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EUROPEAN STANDARD

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**Fibre optic active components and devices –
Package and interface standards
Part 6: ATM-PON transceivers
(IEC 62148-6:2003)**

Composants et dispositifs actifs
en fibres optiques –
Normes de boîtier et d'interface
Partie 6: Emetteurs-récepteurs PON-ATM
(CEI 62148-6:2003)

Aktive Lichtwellenleiterbauelemente
und -geräte –
Gehäuse- und Schnittstellennormen
Teil 6: ATM-PON Sende- und
Empfangsmodule
(IEC 62148-6:2003)

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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, Lithuania, 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/538/FDIS, future edition 1 of IEC 62148-6, 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 62148-6 on 2003-10-01.

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) 2004-07-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2006-10-01

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.

Endorsement notice

The text of the International Standard IEC 62148-6:2003 was approved by CENELEC as a European Standard without any modification.

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

IEC 60130	NOTE	Harmonized in EN 60130 series (not modified).
IEC 60191	NOTE	Harmonized in EN 60191 series (not modified).
IEC 60603	NOTE	Harmonized in EN 60603 series (not modified).
IEC 60794	NOTE	Harmonized in EN 60794 series (not modified).
IEC 60825	NOTE	Harmonized in EN 60825 series (not modified).
IEC 61076	NOTE	Harmonized in EN 61076 series (not modified).
IEC 61281-1	NOTE	Harmonized as EN 61281-1:1999 (not modified).
IEC 61754	NOTE	Harmonized in EN 61754 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 60793	Series	Optical fibres	EN 60793	Series
IEC 60874	Series	Connectors for optical fibres and cables	EN 60874	Series
IEC 62148-1	- 1)	Fibre optic active components and devices - Package and interface standards Part 1: General and guidance	EN 62148-1	2002 2)
ITU-T Recommendation G.652	2000	Characteristics of a single-mode optical fibre cable SIST EN 62148-6:2004 https://standards.iteh.ai/catalog/standards/sist/a3742cf3-bec6-456f-b600-1be545078965/sist-en-62148-6-2004	-	-
ITU-T Recommendation G.983.1	1998	Broadband optical access systems bases on Passive Optical Networks (PON)	-	-

1) Undated reference.

2) Valid edition at date of issue.

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

**Partie 6:
Emetteurs récepteurs PON-ATM**

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**Fibre optic active components
and devices –**

Package and interface standards –

**Part 6:
ATM-PON transceivers**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC ACTIVE COMPONENTS AND DEVICES –
PACKAGE AND INTERFACE STANDARDS –**
Part 6: ATM-PON transceivers

FOREWORD

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International Standard IEC 62148-6 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/538/FDIS	86C/552/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.