



BSI Standards Publication

Fibre optic active components and devices — Package and interface standards —

Part 11: 14-pin active device modules

National foreword

This British Standard is the UK implementation of EN 62148-11:2009. It is identical to IEC 62148-11:2009. It supersedes BS EN 62148-11:2003 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee GEL/86, Fibre optics, to Subcommittee GEL/86/3, Fibre optic systems and active devices.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 January 2010

Amendments issued since publication

Amd. No.	Date	Text affected
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62148-11

December 2009

ICS 33.180.20

Supersedes EN 62148-11:2003

English version

**Fibre optic active components and devices -
Package and interface standards -
Part 11: 14-pin active device modules
(IEC 62148-11:2009)**

Composants et dispositifs actifs
en fibres optiques -
Normes de boîtier et d'interface -
Partie 11: Modules de dispositifs actifs
de 14 broches
(CEI 62148-11:2009)

Aktive Lichtwellenleiterbauelemente
und -geräte -
Gehäuse- und Schnittstellennormen -
Teil 11: Aktive Geräte mit 14 Anschlüssen
(IEC 62148-11:2009)

This European Standard was approved by CENELEC on 2009-10-01. 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.

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CENELEC

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

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

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Foreword

The text of document 86C/882/FDIS, future edition 2 of IEC 62148-11, 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 62148-11 on 2009-10-01.

This European Standard supersedes EN 62148-11:2003

EN 62148-11:2003 was limited to 14-pin modulator-integrated laser diode transmitters. EN 62148-11:2009 has been expanded to include 14-pin pump lasers and the title changed to reflect the new scope.

This standard is to be used in conjunction with EN 62148-1.

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) | 2010-07-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2012-10-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62148-11:2009 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60793	NOTE Harmonized in EN 60793 series (not modified).
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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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 60793-2-50	- ¹⁾	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	2008 ²⁾
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⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.