

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

Part 1: General and guidance

The European Standard EN 62148-1:2002 has the status of a British Standard

ICS 33.180.01

National foreword

This British Standard is the official English language version of EN 62148-1:2002. It is identical with IEC 62148-1:2002.

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, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

From 1 January 1997, all IEC publications have the number 60000 added to the old number. For instance, IEC 27-1 has been renumbered as IEC 60027-1. For a period of time during the change over from one numbering system to the other, publications may contain identifiers from both systems.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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This British Standard, having been prepared under the direction of the Electrotechnical Sector Policy and Strategy Committee, was published under the authority of the Standards Policy and Strategy Committee on 22 July 2002

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 9 and a back cover.

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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)

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.

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CENELEC

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

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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 components 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.

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).
