



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 62148-1:2002**

ICS 33.180.01

**FIBRE OPTIC ACTIVE COMPONENTS AND  
DEVICES -  
PACKAGE AND INTERFACE STANDARDS  
PART 1: GENERAL AND GUIDANCE  
(IEC 62148-1:2002)**

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EUROPEAN STANDARD

**EN 62148-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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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)

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 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.

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## 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).

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