

**Fibre optic active components and devices - Package
and interface standards - Part 15: Discrete vertical cavity
surface emitting laser packages**

EESTI STANDARDI EESSÕNA

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English Version

**Fibre optic active components and devices - Package and
interface standards - Part 15: Discrete vertical cavity surface
emitting laser packages
(IEC 62148-15:2014)**

Composants et dispositifs actifs à fibres optiques - Normes
de boîtier et d'interface - Partie 15: Boîtiers individuels pour
laser à cavité verticale émettant par la surface
(CEI 62148-15:2014)

Aktive Lichtwellenleiterbauelemente und -geräte - Gehäuse-
und Schnittstellennormen - Teil 15: Einzelgehäuse für
oberflächenemittierende Laser mit vertikalem Resonator
(IEC 62148-15:2014)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 86C/1131/CDV, future edition 2 of IEC 62148-15, 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 approved by CENELEC as EN 62148-15:2014.

The following dates are fixed:

- latest date by which the document has to be (dop) 2015-03-27
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2017-06-27
standards conflicting with the
document have to be withdrawn

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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.
IEC 60191	NOTE	Harmonized in EN 60191 Series.
IEC 60603	NOTE	Harmonized in EN 60603 Series.
IEC 60794	NOTE	Harmonized in EN 60794 Series.
IEC 60825	NOTE	Harmonized in EN 60825 Series.
IEC 61076	NOTE	Harmonized in EN 61076 Series.
IEC 61280	NOTE	Harmonized in EN 61280 Series.
IEC 61281-1	NOTE	Harmonized as EN 61281-1.
IEC 61754	NOTE	Harmonized in EN 61754 Series.
IEC 62007-1	NOTE	Harmonized as EN 62007-1.
IEC 62007-2	NOTE	Harmonized as EN 62007-2.
IEC 62149-2	NOTE	Harmonized as EN 62149-2.
ISO 1101	NOTE	Harmonized as EN ISO 1101.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60793-2	Series	Optical fibres - Part 2: Product specifications - General	EN 60793-2	Series
IEC 60874	Series	Fibre optic interconnecting devices and passive components - Connectors for optical fibres and cables	EN 60874	Series
IEC 61754-4-1	-	Fibre optic connector interfaces - Part 4-1: Type SC connector family - Simplified receptacle SC-PC connector interfaces	EN 61754-4-1	-
IEC 61754-20	-	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 20: Type LC connector family	EN 61754-20	-
IEC 62148-1	-	Fibre optic active components and devices - Package and interface standards - Part 1: General and guidance	EN 62148-1	-
ITU-T Recommendation G.652	-	Characteristics of a single-mode optical fibre and cable	-	-

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INTRODUCTION

Fibre optic laser devices are used to convert electrical signals into optical signals. This standard covers the physical dimension and interface for the discrete vertical cavity surface emitting laser (VCSEL) packages.

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