
**Aktivne komponente in naprave optičnih vlaken – Izvedbeni standardi – 6. del
650-nm 250- Mbit/s oddajniki in sprejemniki iz plastičnih optičnih vlaken* (IEC
62149- 6:2003)***

Fibre optic active components and devices - Performance standards - Part 6: 650
nm 250 Mbit/s plastic optical fibre transceivers (IEC 62149- 6:2003)

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English version

**Fibre optic active components and devices –
Performance standards
Part 6: 650-nm 250-Mbit/s plastic optical fibre transceivers
(IEC 62149-6:2003)**

Composants et dispositifs actifs
à fibres optiques –
Normes de fonctionnement
Partie 6: Emetteurs-récepteurs de
650 nm 250 Mbit/s à fibres optiques
en plastique
(CEI 62149-6:2003)

Aktive Lichtwellenleiterbauelemente
und -geräte –
Betriebsverhaltensnorm
Teil 6: 650 nm, 250 Mbit/s Kunststoff-
lichtwellenleiter-Sende- und
Empfangsmodule
(IEC 62149-6:2003)

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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/544/FDIS, future edition 1 of IEC 62149-6, 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 62149-6 on 2003-11-01.

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) 2004-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2006-11-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annexes A and ZA are normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62149-6:2003 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 60191	NOTE	Harmonized in EN 60191 series (not modified).
IEC 61280	NOTE	Harmonized in EN 61280 series (not modified).
IEC 61281-1-1	NOTE	Harmonized as EN 61281-1-1:1999 (not modified).
IEC 62007-1	NOTE	Harmonized as EN 62007-1:2000 (not modified).
IEC 62007-2	NOTE	Harmonized as EN 62007-2:2000 (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 60068-2-20	- 1)	Basic environmental testing procedures Part 2: Tests - Test T: Soldering	HD 323.2.20 S3	1988 2)
IEC 60793-2	Series	Optical fibres Part 2: Product specifications -	EN 60793-2	Series
IEC 60950 (mod)	Series	Information technology equipment - Safety	EN 60950	Series
MIL-STD-883	- 1)	Microcircuits	-	-
ANSI/UL-94	- 1)	Test for Flammability of Plastic Materials for Parts in Devices and Appliances	-	-

1) Undated reference.

2) Valid edition at date of issue.

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INTERNATIONAL
STANDARD

CEI
IEC

62149-6

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**Composants et dispositifs actifs
à fibres optiques –
Normes de fonctionnement –**

Partie 6:

**Emetteurs récepteurs de 650 nm 250 Mbit/s
à fibres optiques en plastique**
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SIST EN 62149-6:2004
<https://standards.iteh.ai/catalog/standards/sist/715cac05-84b4-4085-87c0-2004>
**Fibre optic active components and devices –
Performance standards –**

Part 6:

**650-nm 250-Mbit/s plastic optical fibre
transceivers**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC ACTIVE COMPONENTS AND DEVICES –
PERFORMANCE STANDARDS –**
Part 6: 650-nm 250-Mbit/s plastic optical fibre transceivers

FOREWORD

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International Standard IEC 62149-6 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/544/FDIS	86C/564/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.