



SLOVENSKI STANDARD
SIST EN 60875-1:1999
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Fibre optic branching devices - Part 1: Generic specification (IEC 60875-1:1996)

Fibre optic branching devices - Part 1: Generic specification (IEC 60875-1:1996)

Lichtwellenleiter-Verzweiger -- Teil 1: Fachgrundspezifikation

Dispositifs de couplage pour fibres optiques -- Partie 1: Spécification générique

Ta slovenski standard je istoveten z: EN 60875-1:1998

[SIST EN 60875-1:1999](https://standards.iteh.ai/catalog/standards/sist/f2c93be6-7f0e-470c-8dbf-d1babc89aeda/sist-en-60875-1-1999)

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ICS:

33.180.20 Ú[ç^: [çæ) ^Á æ | æ^Á æ Fibre optic interconnecting
[] cã } æç|æ } æ devices

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EUROPEAN STANDARD
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EUROPÄISCHE NORM

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April 1998

ICS 33.180.01

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English version

**Fibre optic branching devices
Part 1: Generic specification
(IEC 60875-1:1996)**

Dispositifs de couplage pour
fibres optiques
Partie 1: Spécification générique
(CEI 60875-1:1996)

Lichtwellenleiter-Verzweiger
Teil 1: Fachgrundspezifikation
(IEC 60875-1:1996)



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO
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PREVZET PO METODI RAZGLASITVE

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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, 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 the International Standard IEC 60875-1:1996, prepared by SC 86B, Fibre optic interconnecting devices and passive components, of IEC TC 86, Fibre optics, was submitted to the formal vote and was approved by CENELEC as EN 60875-1 on 1998-04-01 without any modification.

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) 1998-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1998-12-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annexes A and B are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60875-1:1996 was approved by CENELEC as a European Standard without any modification.

Editorial correction to the text of IEC 60875-1:1996:

Subclause 1.3.4, line 2: Read "2 n is the number..." instead of "n is the number...".



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 QC 001002	1986	Rules of procedure of the IEC Quality Assessment System for Electronic Components (IECQ)	-	-
IEC 60027	series	Letter symbols to be used in electrical technology	HD 245	series
IEC 60050(731)	1991	International Electrotechnical Vocabulary (IEV) Chapter 731: Optical fibre communication	-	-
IEC 60068-1	1988	Environmental testing Part 1: General and guidance	EN 60068-1 ¹⁾	1994
IEC 60068-2-1	1990	Part 2: Tests - Tests A: Cold	EN 60068-2-1	1993
IEC 60068-2-2	1974	Part 2: Tests - Test B: Dry heat	EN 60068-2-2 ²⁾	1993
IEC 60068-2-3	1969	Part 2: Tests - Test Ca: Damp heat, steady state	HD 323.2.3 S2 ³⁾	1987
IEC 60068-2-5	1975	Part 2: Tests - Test Sa: Simulated solar radiation at ground level	HD 323.2.5 S1	1988
IEC 60068-2-6 + corr. March	1995 1995	Part 2: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	1995
IEC 60068-2-7	1983	Part 2: Tests - Test Ga and guidance: Acceleration, steady state	EN 60068-2-7 ⁴⁾	1993
IEC 60068-2-9	1975	Part 2: Tests - Guidance for solar radiation testing	HD 323.2.9 S2 ⁵⁾	1987

1) EN 60068-1 includes the corrigendum October 1988 and A1:1992 to IEC 60068-1:1988.

2) EN 60068-2-2 includes supplement A:1976 to IEC 60068-2-2.

3) HD 323.2.3 S2 includes A1:1984 to IEC 60068-2-3.

4) EN 60068-2-7 includes A1:1986 to IEC 60068-2-7.

5) HD 323.2.9 S2 includes A1:1984 to IEC 60068-2-9.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-10	1988	Part 2: Tests - Test J and guidance: Mould growth	HD 323.2.10 S3	1988
IEC 60068-2-11	1981	Part 2: Tests - Test Ka: Salt mist	HD 323.2.11 S1	1988
IEC 60068-2-13	1983	Part 2: Tests - Test M: Low air pressure	HD 323.2.13 S1	1987
IEC 60068-2-14	1984	Part 2: Tests - Test N: Change of temperature	HD 323.2.14 S2 ⁶⁾	1987
IEC 60068-2-17	1994	Part 2: Tests - Test Q: Sealing	EN 60068-2-17	1994
IEC 60068-2-27	1987	Part 2: Tests - Test Ea and guidance: Shock	EN 60068-2-27	1993
IEC 60068-2-29	1987	Part 2: Tests - Test Eb and guidance: Bump + corr.	EN 60068-2-29	1993
IEC 60068-2-30	1980	Part 2: Tests - Test Db and guidance: Damp heat, cyclic (12 + 12 hour cycle)	HD 323.2.30 S3 ⁷⁾	1988
IEC 60068-2-38	1974	Part 2: Tests - Test Z/AD: Composite temperature/humidity cyclic test	HD 323.2.38 S1	1988
IEC 60068-2-42	1982	Part 2: Tests - Test Kc: Sulphur dioxide test for contacts and connections	-	-
IEC 60410	1973	Sampling plans and procedures for inspection by attributes	-	-
IEC 60617	series	Graphical symbols for diagrams	EN 60617	series
IEC 60695-2-2	1991	Fire hazard testing Part 2: Test methods Section 2: Needle-flame test	EN 60695-2-2	1994
IEC 60825-1	1993	Safety of laser products Part 1: Equipment classification, requirements and user's guide	EN 60825-1 + corr. February	1994 1995
IEC 60875-1-1	1996	Fibre optic branching devices Part 1-1: Blank detail specification	EN 60875-1-1	1998
IEC 61300	series	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures	EN 61300	series
ISO 129	1985	Technical drawings - Dimensioning - General principles, definitions, methods of execution and special indications	-	-

6) HD 323.2.14 S2 includes A1:1986 to IEC 60068-2-14.

7) HD 323.2.30 S3 includes A1:1985 to IEC 60068-2-30.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 286-1	1988	ISO system of limits and fits Part 1: Bases of tolerances, deviations and fits	EN 20286-1	1993
ISO 370	1975	Toleranced dimensions - Conversion from inches into millimetres and vice versa	-	-
ISO 1101	1983	Technical drawings - Geometrical tolerancing - Tolerancing of form, orientation, location and run-out Generalities, definitions, symbols, indications on drawings	-	-
ISO 8601	1988	Data elements and interchange formats Information interchange - Representation of dates and times	EN 28601	1992

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**Partie 1:
Spécification générique**

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Fibre optic branching devices
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**Part 1:
Generic specification**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIBRE OPTIC BRANCHING DEVICES –

Part 1: Generic specification

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 875-1 has been prepared by sub-committee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This third edition cancels and replaces the second edition published in 1992 and constitutes a technical revision.

The text of this standard is based on the following documents:

FDIS	Report on voting
86B/718/FDIS	86B/764/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.

The QC number that appears on the front cover of this publication is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

Annexes A and B are for information only.