



SLOVENSKI STANDARD
SIST EN 61274-1-1:1997

01-december-1997

Fibre optic adaptors - Part 1-1: Blank detail specification (IEC 1274-1-1:1994)

Fibre optic adaptors -- Part 1-1: Blank detail specification

Zwischenverbinder (Adapter) fr Lichtwellenleiter -- Teil 1-1: Vordruck fr Bauartspezifikation

Raccords pour fibres optiques -- Partie 1-1: Spcification particulire cadre

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Ta slovenski standard je istoveten z: EN 61274-1-1:1997

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ICS:

33.180.20 Ú[ç^: [çæ} ^Á æ} |æç^Áæ Fibre optic interconnecting devices
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English version

Fibre optic adaptors
Part 1-1: Blank detail specification
(IEC 1274-1-1:1994)

Raccords pour fibres optiques
Partie 1-1: Spécification
particulière cadre
(CEI 1274-1-1:1994)

Zwischenverbinder (Adapter)
für Lichtwellenleiter
Teil 1-1: Vordruck für
Bauartspezifikation
(IEC 1274-1-1:1994)

This European Standard was approved by CENELEC on 1996-10-01. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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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 the International Standard IEC 1274-1-1:1994, 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 61274-1-1 on 1996-10-01 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) 1997-09-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1997-09-01

Endorsement notice

The text of the International Standard IEC 1274-1-1:1994 was approved by CENELEC as a European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
1274-1-1

QC 860001

Première édition
First edition
1994-09

Raccords pour fibres optiques

**Partie 1-1:
Spécification particulière cadre**

Fibre optic adaptors

**Part 1-1:
Blank detail specification**

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIBRE OPTIC ADAPTORS

Part 1-1: Blank detail 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 cooperation 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.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

International Standard IEC 1274-1-1 has been prepared by sub-committee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

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

DIS	Report on voting
86B(CO)142	86B(CO)170

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

IEC 1274 consists of the following parts, under the general title: *Fibre optic adaptors*

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- Part 1: 1994, Generic specification;
- Part 1-1: 1994, Blank detail specification.

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).

FIBRE OPTIC ADAPTORS

Part 1-1: Blank detail specification

1 Scope

This blank detail specification is not, by itself, a specification. It is part of IEC 1274-1 (QC 860000): Generic specification.

It includes a blank worksheet with instructions for preparing detail specifications.

2 Qualification approval

2.1 Procedure

The detail specification shall state the qualification approval procedure to be used (see 3.3 of IEC 1274-1).

2.2 Test schedule and performance requirements

The test schedules for qualification by the fixed-sample procedure shall be defined in table 1 of the detail specification worksheet (see 4).

3 Quality conformance inspection

3.1 Lot-by-lot inspection

The test schedules for lot-by-lot inspection (groups A and B) shall be defined in table 2 of the detail specification worksheet (see 4).

3.2 Periodic inspection

The test schedules for periodic inspection (groups C and D) shall be defined in table 3 of the detail specification worksheet (see 4).

4 Detail specification worksheet

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The following worksheet is provided to aid in the preparation of detail specifications. Spaces are provided for entering information. When the spaces are completed, the detail specification can be drafted in its final form.

The spaces are identified by numbers between square brackets. Instructions for completing these numbered spaces are given below. When drafting the final detail specification, the square bracketed instruction numbers shall be omitted.

- [1] The national IEC number assigned to the detail specification is added by the National Committee.
- [2] The date of the detail specification is added by the National Committee.
- [3] Enter the name and address of the National Committee.
- [4] Enter the applicable classification categories (see 2.2 of IEC 1274-1).
- [5] If the adaptor is not classified by climatic category, add the words "not applicable".
- [6] A standard environmental category may be selected from annex A of IEC 1274-1. If a sequence other than a standard from annex A is used, add "none".
- [7] Add the assessment level classification (see 2.2.7 of IEC 1274-1).
- [8] Add the qualification procedure required for the detail specification (fixed-sample procedure or lot-by-lot procedure, see 3.3 of IEC 1274-1).
- [9] Specify the component(s) control dimensions in the format shown. Include:
 - component(s) control dimensions;
 - control dimensions for all variants.

Add figures showing the dimensions for standard reference components and gauges if they are required. Display the drawings in the format shown.

- [10] Tabulate the identification number for each variant of each component (see 2.6.1 of IEC 1274-1). Assign a column in the table for each variant feature, for example, alternative plating, etc.
- [11] Enter supplementary information with respect to marking, requirements for certified records of released lots and other appropriate information (see 2.6.2, 2.6.3 and 3.5 of IEC 1274-1).
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- [12] Enter the required measurements and tests for qualification by fixed-sample size in table 1. If qualification by lot-by-lot and periodic procedure is specified, eliminate the table and renumber subsequent tables in the detail specification accordingly.

Enter the procedure reference in note form to the table. Specify the sample size for each group in column "n".

- [13] Enter the required measurements and tests for groups A and B in table 2.

Enter the procedure reference in note form to the table. Add the assessment level designation along with the inspection level and AQL in the appropriate place in the table (see 2.2.5 of IEC 1274-1).

- [14] Enter the required measurements and tests for groups C and D in table 3.

Enter the procedure reference in note form to the table. Add the assessment level designation along with the sample size, " n ", and the inspection period, " p ", in the appropriate place in the table (see 2.2.5 of IEC 1274-1).

- [15] When completed, table 4 will contain the details, measurements and the performance requirements for all tests and measurements which appear in tables 1, 2 and 3.

The format for measurements appears on lines [16], [17], and [18]. Enter the measurement procedure title and reference location on line [16]. Enter the measurement details on lines [17].

The requirements for independent measurements (measurements which are not part of an environmental test) shall either be specified as a note to the table where it was added (tables 1, 2 or 3) or included in table 4 under the appropriate measurement on lines [18]. The requirements for dependent measurements (measurements which are part of an environmental test) shall be specified under the environmental test in table 4.

The format for environmental tests appears on lines [19], [20], [21], [22], and [23]. Enter the test procedure title and reference location on line [19]. Enter the test details on lines [20]. Enter the initial measurements to be made along with the performance requirements on line [21]. Enter the measurements to be made during the test along with the performance requirements on line [22]. Enter the final measurements to be made along with the performance requirements on line [23].

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