

SLOVENSKI STANDARD

SIST EN 61274-1-1:2012

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Nadomešča:

SIST EN 61274-1-1:2007

Povezovalne naprave in pasivne komponente optičnih vlaken - Prilagodilni členi (adapterji) za optične konektorje - 1-1. del: Okvirna podrobna specifikacija (IEC 61274-1-1:2011)

Fibre optic interconnecting devices and passive components - Adaptors for fibre optic connectors - Part 1-1: Blank detail specification (IEC 61274-1-1:2011)

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Lichtwellenleiter - Verbindungselemente und passive Bauteile - Kupplungen für Lichtwellenleiter-Steckverbinder - Teil 1-1: Vordruck für Bauartspezifikation (IEC 61274-1-1:2011)

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Dispositifs d'interconnexion et composants passifs à fibres optiques - Raccords de connecteurs de fibres optiques - Partie 1-1: Spécification particulière cadre (CEI 61274-1-1:2011)

Ta slovenski standard je istoveten z: EN 61274-1-1:2012

ICS:

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61274-1-1

February 2012

ICS 33.180.20

Supersedes EN 61274-1-1:2006

English version

**Fibre optic interconnecting devices and passive components -
Adaptors for fibre optic connectors -
Part 1-1: Blank detail specification
(IEC 61274-1-1:2011)**

Dispositifs d'interconnexion et composants
passifs à fibres optiques -
Raccords de connecteurs de fibres
optiques -
Partie 1-1: Spécification particulière cadre
(CEI 61274-1-1:2011)

Lichtwellenleiter -
Verbindungselemente und passive
Bauteile -
Kupplungen für Lichtwellenleiter-
Steckverbinder -
Teil 1-1: Vordruck für Bauartspezifikation
(IEC 61274-1-1:2011)

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 86B/3269/FDIS, future edition 3 of IEC 61274-1-1, prepared by SC 86B, "Fibre optic interconnecting devices and passive components", of IEC/TC 86, "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61274-1-1:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-09-22
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2012-12-22

This document supersedes EN 61274-1-1:2006.

Specific technical changes since EN 61274-1-1:2006 include to reconsider quality approval and quality conformance inspection and to add the optical interface standard into the detail specification worksheet.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

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The text of the International Standard IEC 61274-1-1:2011 was approved by CENELEC as a European Standard without any modification.



IEC 61274-1-1

Edition 3.0 2011-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Fibre optic interconnecting devices and passive components – Adaptors for fibre optic connectors – Part 1-1: Blank detail specification

Dispositifs d'interconnexion et composants passifs à fibres optiques – Raccords de connecteurs de fibres optiques – Partie 1-1: Spécification particulière cadre

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES
AND PASSIVE COMPONENTS –
ADAPTORS FOR FIBRE OPTIC CONNECTORS –****Part 1-1: Blank detail specification**

FOREWORD

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International Standard IEC 61274-1-1 had been prepared by subcommittee 86B. Fibre optic interconnecting devices and passive components of IEC technical committee 86: Fibre optics.

This third edition cancels and replaces the second edition of IEC 61274-1-1 published in 2006 and constitutes a technical revision. Specific technical changes since the second edition include to reconsider quality approval and quality conformance inspection and to add the optical interface standard into the detail specification worksheet.

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

FDIS	Report on voting
86B/3269/FDIS	86B/3299/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.

A list of all parts of the IEC 61274 series, under the general title *Fibre optic interconnecting devices and passive components – Adaptors for fibre optic connectors* can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – ADAPTORS FOR FIBRE OPTIC CONNECTORS –

Part 1-1: Blank detail specification

1 Scope

This blank detail specification is not, by itself, a specification. It is part of the generic specification IEC 61274-1, *Fibre optic interconnecting devices and passive components-Adaptors for fibre optic connectors-Part 1; 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 either the fixed sample or the lot-by-lot and periodic procedure may be used.

2.2 Test schedule and performance requirements

The mandatory test schedules for qualification by the fixed sample procedure are defined in Table 1 of the detail specification worksheet (see Clause 4).

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The fixed sample procedure consists in subjecting a sample of specimens to the fixed sample qualification test sequence as specified in Table 1. The sample shall be drawn from current production.

3 Quality conformance inspection

3.1 Lot-by-lot and periodic procedure

The lot-by-lot and periodic procedure consists in performing the lot-by-lot inspections on a specified number of inspection lots (a minimum of three) taken in as short a time as possible. The periodic tests are then performed on samples selected from at least one of the lots.

Samples shall be selected from the lots in accordance with IEC 60410. Normal inspection shall be used, but when the sample size is so small that acceptance based on zero defects is implied, additional specimens shall be taken to meet the sample size requirements for acceptance on one defect.

3.2 Lot-by-lot inspection

The mandatory test schedules for lot-by-lot inspection (groups A and B) are defined in Table 2 of the detail specification worksheet (see Clause 4).

3.3 Periodic inspection

The mandatory test schedules for periodic inspection (groups C and D) are defined in Table 3 of the detail specification worksheet (see Clause 4).