



SLOVENSKI STANDARD SIST EN 61300-2-10:2013

01-januar-2013

Nadomešča:

SIST EN 61300-2-10:1999

Optični spojni elementi in pasivne komponente - Osnovni preskuševalni in merilni postopki - 2-10. del: Preskusi - Odpornost proti drobljenju (IEC 61300-2-10:2012)

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-10: Tests - Crush resistance (IEC 61300-2-10:2012)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren - Teil 2-10: Prüfungen - Querdruck (IEC 61300-2-10:2012)

Dispositifs d'interconnexion et composants passifs à fibres optiques - Méthodes fondamentales d'essais et de mesures - Partie 2-10: Essais - Résistance à la compression (CEI 61300-2-10:2012)

Ta slovenski standard je istoveten z: EN 61300-2-10:2012

ICS:

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
-----------	---------------------------------------	-------------------------------------

SIST EN 61300-2-10:2013

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 61300-2-10:2013](#)

<https://standards.iteh.ai/catalog/standards/sist/b3a393e2-f993-4614-854b-2197c5270dea/sist-en-61300-2-10-2013>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61300-2-10

November 2012

ICS 33.180.20

Supersedes EN 61300-2-10:1997

English version

**Fibre optic interconnecting devices and passive components -
Basic test and measurement procedures -
Part 2-10: Tests - Crush resistance
(IEC 61300-2-10:2012)**

Dispositifs d'interconnexion et composants
passifs à fibres optiques -
Méthodes fondamentales d'essais
et de mesures -
Partie 2-10: Essais -
Résistance à la compression
(CEI 61300-2-10:2012)

Lichtwellenleiter -
Verbindungselemente und passive
Bauteile -
Grundlegende Prüf- und Messverfahren -
Teil 2-10: Prüfungen -
Querdruckbeständigkeit
(IEC 61300-2-10:2012)

iteh STANDARD PREVIEW
(standards.iteh.ai)

This European Standard was approved by CENELEC on 2012-09-13. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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/3439/FDIS, future edition 2 of IEC 61300-2-10, 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 61300-2-10:2012.

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) 2013-06-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2013-09-13

This document supersedes EN 61300-2-10:1997.

EN 61300-2-10:2012 includes the following significant technical changes with respect to EN 61300-2-10:1997:

The changes with respect to the previous edition are to reconsider the entire text.

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.

iTeh STANDARD PREVIEW
(standards.iteh.ai)
Endorsement notice

The text of the International Standard IEC 61300-2-10:2012 was approved by CENELEC as a European Standard without any modification.

<http://standards.iteh.ai/catalog/standards/sist/b3a393e2-f993-4614-854b-2197c5270dea/sist-en-61300-2-10-2013>

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 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 61300-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance	EN 61300-1	-
IEC 61300-2-38	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-38: Tests - Sealing for pressurized fibre optic closures	EN 61300-2-38	-
IEC 61300-3-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-1: Examinations and measurements - Visual examination	EN 61300-3-1	-
IEC 61300-3-4	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-4: Examinations and measurements - Attenuation	EN 61300-3-4	-
IEC 61300-3-6	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-6: Examinations and measurements - Return loss	EN 61300-3-6	-

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 61300-2-10:2013](#)

<https://standards.iteh.ai/catalog/standards/sist/b3a393e2-f993-4614-854b-2197c5270dea/sist-en-61300-2-10-2013>



IEC 61300-2-10

Edition 2.0 2012-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-10: Tests – Crush resistance

Dispositifs d'interconnexion et composants passifs à fibres optiques – Méthodes fondamentales d'essais et de mesures – Partie 2-10: Essais – Résistance à la compression

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

PRICE CODE
CODE PRIX



ICS 33.180.20

ISBN 978-2-83220-307-1

**Warning! Make sure that you obtained this publication from an authorized distributor.
Attention! Veuillez vous assurer que vous avez obtenu cette publication via un distributeur agréé.**

CONTENTS

FOREWORD.....	3
1 Scope.....	5
2 Normative references	5
3 General description	5
4 Apparatus.....	5
4.1 General.....	5
4.2 Plate	5
4.3 Pad	6
4.4 Force generator.....	6
4.5 Gauge	6
5 Procedure.....	6
5.1 DUT preparation.....	6
5.2 Pre-conditioning	6
5.3 Initial measurements	6
5.4 Device mounting.....	7
5.5 Conditioning	7
5.6 Final examinations and measurements.....	7
6 Severity.....	7
7 Details to be specified	7
Figure 1 – Apparatus	6
Table 1 – Severities	7

iTech STANDARD PREVIEW
(standards.itech.ai)

[SIST EN 61300-2-10:2013](https://standards.itech.ai/catalog/standards/sist/b3a393e2-f993-4614-854b-2197c5270dea/sist-en-61300-2-10-2013)

[https://standards.itech.ai/catalog/standards/sist/b3a393e2-f993-4614-854b-](https://standards.itech.ai/catalog/standards/sist/b3a393e2-f993-4614-854b-2197c5270dea/sist-en-61300-2-10-2013)

[2197c5270dea/sist-en-61300-2-10-2013](https://standards.itech.ai/catalog/standards/sist/b3a393e2-f993-4614-854b-2197c5270dea/sist-en-61300-2-10-2013)

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES
AND PASSIVE COMPONENTS –
BASIC TEST AND MEASUREMENT PROCEDURES –****Part 2-10: Tests – Crush resistance**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of 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, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). 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. 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 IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 61300-2-10 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 1995. It constitutes a technical revision.

The changes with respect to the previous edition are to reconsider the entire text.