
Optični spojni elementi in pasivne komponente - Postopki osnovnega preskušanja in meritev - 2-4. del: Preskusi - Natezna trdnost vlakenskih ali kabelskih priključkov - Dopolnilo A1 (IEC 61300-2-4:2019/A1:2020)

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-4: Tests - Fibre or cable retention (IEC 61300-2-4:2019/A1:2020)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren - Teil 2-4: Prüfungen - Zugfestigkeit von Faser- oder Kabelanschluss (IEC 61300-2-4:2019/A1:2020)

Dispositifs d'interconnexion et composants passifs fibroniques - Procédures fondamentales d'essais et de mesures - Partie 2-4: Essais - Rétention de la fibre ou du câble (IEC 61300-2-4:2019/A1:2020)

Ta slovenski standard je istoveten z: EN IEC 61300-2-4:2019/A1:2020

ICS:

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

SIST EN IEC 61300-2-4:2019/A1:2020 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN IEC 61300-2-4:2019/A1:2020

<https://standards.iteh.ai/catalog/standards/sist/7f7ef6d4-81f4-4788-a91e-a82697beb01f/sist-en-iec-61300-2-4-2019-a1-2020>

EUROPEAN STANDARD

EN IEC 61300-2-4:2019/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2020

ICS 33.180.20

English Version

Fibre optic interconnecting devices and passive components -
Basic test and measurement procedures - Part 2-4: Tests - Fibre
or cable retention
(IEC 61300-2-4:2019/A1:2020)

Dispositifs d'interconnexion et composants passifs
fibroniques - Procédures fondamentales d'essais et de
mesures - Partie 2-4: Essais - Rétention de la fibre ou du
câble
(IEC 61300-2-4:2019/A1:2020)

Lichtwellenleiter - Verbindungselemente und passive
Bauteile - Grundlegende Prüf- und Messverfahren - Teil 2-
4: Prüfungen - Zugfestigkeit von Faser- oder
Kabelanschluss
(IEC 61300-2-4:2019/A1:2020)

This amendment A1 modifies the European Standard EN IEC 61300-2-4:2019; it was approved by CENELEC on 2020-02-27. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61300-2-4:2019/A1:2020 (E)**European foreword**

The text of document 86B/4210/CDV, future IEC 61300-2-4/A1, 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 IEC 61300-2-4:2019/A1:2020.

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) 2020-11-27
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-02-27

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

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

The text of the International Standard IEC 61300-2-4:2019/A1:2020 was approved by CENELEC as a European Standard without any modification.



INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-4: Tests – Fibre or cable retention

Dispositifs d'interconnexion et composants passifs fibroniques – Procédures fondamentales d'essais et de mesures – Partie 2-4: Essais – Rétention de la fibre ou du câble

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 33.180.20

ISBN 978-2-8322-7761-4

**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.**

FOREWORD

This amendment has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

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

CDV	Report on voting
86B/4210/CDV	86B/4237/RVC

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website 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.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

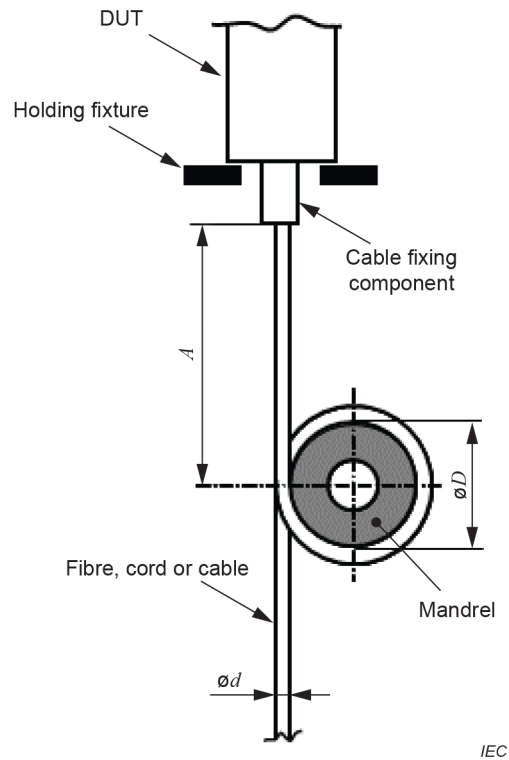
[SIST EN IEC 61300-2-4:2019/A1:2020](https://standards.iteh.ai/catalog/standards/sist/7f7ef6d4-81f4-4788-a91e-a82697beb01f/sist-en-iec-61300-2-4-2019-a1-2020)

5.1 Mandrel

<https://standards.iteh.ai/catalog/standards/sist/7f7ef6d4-81f4-4788-a91e-a82697beb01f/sist-en-iec-61300-2-4-2019-a1-2020>

Replace the existing text, including Figure 1, by the following new text and figure:

The minimum diameter D of the mandrel in Figure 1 shall be the greater of 60 mm or the specified minimum bending diameter of the fibre, cord or cable. Sufficient turns shall be used to prevent slippage. For optical components, the distance A between the rearmost portion of the cable fixing component of the DUT and the mandrel tangent point shall be between 200 mm and 300 mm. For closures, the minimum distance A shall be the greater of 400 mm or 50 times the diameter d of the cord or cable.



iTeh STANDARD PREVIEW (standards.iteh.ai)

Key

$D \geq 60$ mm or specified minimum bending diameter of the fibre, cord or cable

Components: $A \geq 200$ mm and ≤ 300 mm

Closures: $A \geq 400$ mm or $A \geq 50d$

Figure 1 – An example of DUT configuration of retention test

6.5 Conditioning and optical measurement during the conditioning

Replace the existing last paragraph by the following new paragraph:

If required by the relevant specification, measure the change of attenuation in accordance with IEC 61300-3-3 or IEC 61300-3-28.

7 Severity

Add, after the existing first paragraph, the following new paragraph:

In the columns of Tables 1, 2 and 3, the required acceptance criteria S, O and/or V are listed for each product:

- S: Sealing acceptance criteria;
- O: Optical acceptance criteria;
- V: Visual inspection acceptance criteria.

The test severities marked with a blank cell are not relevant for the selected product.