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

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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EUROPÄISCHE NORM

EN IEC 61300-2-10

April 2021

ICS 33.180.20

Supersedes EN 61300-2-10:2012 and all of its amendments and corrigenda (if any)

English Version

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-10: Tests - Crush and load resistance (IEC 61300-2-10:2021)

Dispositifs d'interconnexion et composants passifs fibroniques - Procédures fondamentales d'essais et de mesures - Partie 2-10: Essais - Résistance à la compression et à la charge (IEC 61300-2-10:2021)

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European foreword

The text of document 86B/4405/FDIS, future edition 3 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 IEC 61300-2-10:2021.

The following dates are fixed:

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
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	-
IEC 61753-1	-	Fibre optic interconnecting devices and passive components - Performance standard - Part 1: General and guidance	EN IEC 61753-1	-

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IEC 61300-2-10

Edition 3.0 2021-03

INTERNATIONAL STANDARD

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

Dispositifs d'interconnexion et composants passifs fibroniques – Procédures fondamentales d'essais et de mesures – Partie 2-10: Essais – Résistance à la compression et à la charge



IEC 61300-2-10:2021-03(en-fr)

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INTERNATIONAL STANDARD

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

Dispositifs d'interconnexion et composants passifs fibroniques – Procédures fondamentales d'essais et de mesures – Partie 2-10: Essais – Résistance à la compression et à la charge

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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CONTENTS

FOREWORD 3
1 Scope 5
2 Normative references 5
3 Terms and definitions 5
4 General description 6
5 Apparatus 6
5.1 General 6
5.2 Plate or ground 6
5.3 Pad 6
5.4 Force generator 6
5.5 Gauge 6
5.6 Temperature chamber 6
6 Procedure 10
6.1 DUT preparation 10
6.2 Pre-conditioning 10
6.3 Initial examination and measurement 10
6.4 Device mounting 10
6.5 Conditioning 10
6.6 Recovery 10
6.7 Final examination and measurement 10
7 Severity 11
8 Details to be specified 11

Figure 1 – Crush apparatus 7
Figure 2 – Apparatus for an evenly distributed load applied to the top surface of a street cabinet – Front view 7
Figure 3 – Apparatus for an evenly distributed load applied to the top surface of a street cabinet – Top view 8
Figure 4 – Apparatus for load applied to a street cabinet door – Front view 9
Figure 5 – Apparatus for load applied to a street cabinet door – Top view 9

Table 1 – Severities 11

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – BASIC TEST AND MEASUREMENT PROCEDURES –

Part 2-10: Tests – Crush and load resistance

FOREWORD

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

This third edition cancels and replaces the second edition published in 2012.

This edition includes the following significant technical changes with respect to the previous edition:

a) addition of testing an evenly distributed static load applied on the top surface of a street cabinet;
b) addition of testing a static load applied to a street cabinet door;
c) addition of descriptions to perform the test at a specified temperature other as specified in the standard atmospheric conditions and addition of test temperature(s) in Table 1;

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d) update of the severities according to IEC 61753-1:2018.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
86B/4405/FDIS	86B/4435/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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