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Optical fibres - Part 1-31: Measurement methods and test procedures - Tensile strength (IEC 60793-1-31:2010)

Lichtwellenleiter - Teil 1-31: Messmethoden und Prüfverfahren - Zugfestigkeit (IEC 60793-1-31:2010)

Fibres optiques - Partie 1-31 : Méthodes de mesure et procédures d'essai - Résistance à la traction (CEI 60793-1-31:2010)

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Optical fibres -
Part 1-31: Measurement methods and test procedures - Tensile strength
(IEC 60793-1-31:2010)

Fibres optiques -
Partie 1-31 : Méthodes de mesure et procédures d'essai -
Résistance à la traction
(CEI 60793-1-31:2010)

Lichtwellenleiter -
Teil 1-31: Messmethoden und Prüfverfahren -
Zugfestigkeit
(IEC 60793-1-31:2010)

This European Standard was approved by CENELEC on 2010-09-01. 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.

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CENELEC

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Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 86A/1285/CDV, future edition 2 of IEC 60793-1-31, prepared by SC 86A, Fibres and cables, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60793-1-31 on 2010-09-01.

This European Standard supersedes EN 60793-1-31:2002.

The main change with respect to the previous edition is the addition of comprehensive details, such as examples of fibre clamping as given in Annexes A, B and C.

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

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)	2011-06-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2013-09-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60793-1-31:2010 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61649 NOTE Harmonized as EN 61649.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60793-1-20	-	Optical fibres - Part 1-20: Measurement methods and test procedures - Fibre geometry	EN 60793-1-20	-
IEC 60793-1-21	-	Optical fibres - Part 1-21: Measurement methods and test procedures - Coating geometry	EN 60793-1-21	-

IEC 60793-1-31

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Optical fibres –
Part 1-31: Measurement methods and test procedures – Tensile strength

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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OPTICAL FIBRES –

Part 1-31: Measurement methods and test procedures – Tensile strength

FOREWORD

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International Standard IEC 60793-1-31 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 2001. This edition constitutes a technical revision.

The main change with respect to the previous edition is the addition of comprehensive details, such as examples of fibre clamping as given in Annexes A, B and C.

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

CDV	Report on voting
86A/1285/CDV	86A/1308/RVC

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 60793-1series, published under the general title *Optical fibres – Measurement methods and test procedures*, 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.

A bilingual version of this publication may be issued at a later date.