



SLOVENSKI STANDARD
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Nadomešča:

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Optična vlakna - 1-45. del: Metode merjenja in preskusni postopki - Premer polja načina (IEC 60793-1-45:2017)

Optical fibres - Part 1-45: Measurement methods and test procedures - Mode field diameter (IEC 60793-1-45:2017)

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Ta slovenski standard je istoveten z EN IEC 60793-1-45:2018

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33.180.10 (Optična) vlakna in kabli Fibres and cables

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Optical fibres - Part 1-45: Measurement methods and test procedures - Mode field diameter (IEC 60793-1-45:2017)

Fibre optiques - Partie 1-45: Méthodes de mesure et procédures d'essai - Diamètre du champ de mode
(IEC 60793-1-45:2017)

Lichtwellenleiter - Teil 1-45: Messmethoden - Messung des Modenfelddurchmessers
(IEC 60793-1-45:2017)

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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 60793-1-45:2018 (E)**European foreword**

The text of document 86A/1758/CDV, future edition 2 of IEC 60793-1-45, prepared by IEC/SC 86A: "Fibres and cables", of IEC/TC 86: "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60793-1-45:2018.

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) 2018-09-14
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-12-14

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60793-1-40 (mod)	2001	Optical fibres -- Part 1-40: Measurement methods and test procedures - Attenuation	EN 60793-1-40	2003
IEC 60793-2	-	Optical fibres -- Part 2: Product specifications.	-	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Optical fibres – **iTeh STANDARD PREVIEW**
Part 1-45: Measurement methods and test procedures – Mode field diameter
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Fibres optiques –
Partie 1-45: Méthodes de mesure et procédures d'essai – Diamètre du champ de
mode

INTERNATIONAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**OPTICAL FIBRES –
Part 1-45: Measurement methods and test procedures –
Mode field diameter**

FOREWORD

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International Standard IEC 60793-1-45 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.

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

- a) improvement of the description of measurement details for B6 fibre;
- b) correction of Equations (1), (2),(5) and (6);
- c) correction of Table E.1, Table E.2 and Table E.3.

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

CDV	Report on voting
86A/1758/CDV	86A/1802/RVC

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

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 60793 series, published under the general title *Optical fibres*, can be found on the IEC website.

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

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

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