

SLOVENSKI STANDARD
SIST EN 60793-1-53:2014

01-september-2014

Nadomešča:
SIST EN 60793-1-53:2004

Optična vlakna - 1-53. del: Metode merjenja - Preskusi namakanja v vodi

Optical fibres - Part 1-53: Measurement methods - Water immersion tests

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Fibres optiques - Partie 1-53: Méthodes de mesure - Essais d'immersion dans l'eau
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Ta slovenski standard je istoveten iz: EN 60793-1-53:2014

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ICS:

33.180.10 (Optična) vlakna in kabli Fibres and cables

SIST EN 60793-1-53:2014 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60793-1-53

May 2014

ICS 33.180.10

Supersedes EN 60793-1-53:2002

English Version

Optical fibres - Part 1-53: Measurement methods and test
procedures - Water immersion tests
(IEC 60793-1-53:2014)

Fibres optiques - Partie 1-53: Méthodes de mesure et
procédures d'essai - Essais d'immersion dans l'eau
(CEI 60793-1-53:2014)

Lichtwellenleiter - Teil 1-53: Messmethoden und
Prüfverfahren - Eintauchen in Wasser
(IEC 60793-1-53:2014)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

The text of document 86A/1529/CDV, future edition 2 of IEC 60793-1-53, prepared by 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 60793-1-53:2014.

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) 2014-12-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-03-12

This document supersedes EN 60793-1-53:2002.

EN 60793-1-53 includes the following significant technical changes with respect to EN 60793-1-53:2002:

- a) Harmonizing the content with sectional specifications of relevant fibre types;
- b) Extending the applicability of the standard to class C single-mode fibres.

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SIST EN 60793-1-53:2014

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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 1 When 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 60068-2-18	-	Environmental testing - Part 2-18: Tests - Tests R and guidance: Water	EN 60068-2-18	-
IEC 60793-1-32	-	Optical fibres - Part 1-32: Measurement methods and test procedures - Coating strippability	EN 60793-1-32	-
IEC 60793-1-40 (mod)	2001	Optical fibres - Part 1-40: Measurement methods and test procedures - Attenuation	EN 60793-1-40	2003
IEC 60793-2-10	-	Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres	EN 60793-2-10	-
IEC 60793-2-50	-	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	-
IEC 60793-2-60	-	Optical fibres - Part 2-60: Product specifications - Sectional specification for category C single-mode intraconnection fibres	EN 60793-2-60	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Optical fibres – iTeh STANDARD PREVIEW
Part 1-53: Measurement methods and test procedures – Water immersion tests
(standarus.iteh.ai)

Fibres optiques – [SIST EN 60793-1-53:2014](#)
Partie 1-53: Méthodes de mesure et procédures d'essai – Essais d'immersion
dans l'eau [81c4aa0772f7/sist-en-60793-1-53-2014](#)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRES –**Part 1-53: Measurement methods and test procedures –
Water immersion tests****FOREWORD**

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International Standard IEC 60793-1-53 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, and constitutes a technical revision.

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

- harmonizing the content with sectional specifications of relevant fibre types;
- extending the applicability of the standard to Class C single-mode fibres.