SLOVENSKI STANDARD
SIST EN 60794-2-51:2015

01-april-2015

Optični kabli - 2-51. del: Notranji optični kabli - Podrobna specifikacija za simpleksne in dupleksne kable, uporabljene za vrvice v nadzorovanem okolju (IEC 60794-2-51:2014)

Optical fibre cables - Part 2-51: Indoor optical fibre cables - Detail specification for simplex and duplex cables for use in cords for controlled environment (IEC 60794-2-51:2014)

Lichtwellenleiterkabel - Teil 2-51: LWL-Innenkabel - Bauartspezifikation für Simplex- und Duplexkabel zur Verwendung in Kabeln für kontrollierte Umgebungsbedingungen (IEC 60794-2-51:2014)

Câbles à fibres optiques - Partie 2-51: Câbles à fibres optiques intérieurs - Spécification particulière pour les câbles simplex et duplex pour usage en cordons en environnement contrôlé (IEC 60794-2-51:2014)

Ta slovenski standard je istoveten z: **EN 60794-2-51:2014**

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33.180.10	(Optična) vlakna in kabli	Fibres and cables

SIST EN 60794-2-51:2015 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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July 2014

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English Version

Optical fibre cables - Part 2-51: Indoor cables - Detail specification for simplex and duplex cables for use in cords for controlled environment (IEC 60794-2-51:2014)

Câbles à fibres optiques - Partie 2-51: Câbles intérieurs - Spécification particulière pour les câbles simplex et duplex pour usage en cordons en environnement contrôlé (CEI 60794-2-51:2014)

Lichtwellenleiterkabel - Teil 2-51: LWL-Innenkabel - Bauartspezifikation für Simplex- und Duplexkabel zur Verwendung in Kabeln für kontrollierte Umgebungsbedingungen (IEC 60794-2-51:2014)

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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/1599/FDIS, future edition 1 of IEC 60794-2-51, 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 60794-2-51:2014.

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)	2015-04-15
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2017-07-15

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Endorsement notice

The text of the International Standard IEC 60794-2-51:2014 was approved by CENELEC as a European Standard without any modification.

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.

Publication	Year	Title	EN/HD	Year
IEC 60793-2-10	2011	Optical fibres -- Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres	EN 60793-2-10	2011
IEC 60793-2-50	2012	Optical fibres -- Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	2013
IEC 60794-1-1	-	Optical fibre cables -- Part 1-1: Generic specification - General	EN 60794-1-1	-
IEC 60794-1-2	-	Optical fibre cables -- Part 1-2: Generic specification - Cross reference table for optical cable test procedures	EN 60794-1-2	-
IEC 60794-1-22	-	Optical fibre cables -- Part 1-22: Generic specification - Basic optical cable test procedures - Environmental test methods	EN 60794-1-22	-
IEC 60794-2-50	2008	Optical fibre cables -- Part 2-50: Indoor cables - Family specification for simplex and duplex cables for use in terminated cable assemblies	EN 60794-2-50	2008
IEC 60811-201	-	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 201: General tests - Measurement of insulation thickness	EN 60811-201	-
IEC 61753-1	-	Fibre optic interconnecting devices and passive components performance standard -- Part 1: General and guidance for performance standards	EN 61753-1	-
IEC/TR 62225	-	Guidance on terms for connectors and mechanical structures in electronic equipment	-	-

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colour inside

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Part 2-51: Indoor cables – Detail specification for simplex and duplex cables for use in cords for controlled environment

Câbles à fibres optiques –
Partie 2-51: Câbles intérieurs – Spécification particulière pour les câbles simplex et duplex pour usage en cordons en environnement contrôlé

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FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.

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International Standard IEC 60794-2-51 has been prepared by subcommittee 86A, Fibres and cables,of IEC technical committee 86: Fibre optics.

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

FDIS	Report on voting
86A/1599/FDIS	86A/1607/RVD

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 IEC 60794 series, published under the general title *Optical fibre cables*, can be found on the IEC website.