SLOVENSKI STANDARD
SIST EN 60794-2-31:2013

01-marec-2013

Nadomešča:
SIST EN 60794-2-31:2006

Optični kabli - 2-31. del: Notranji optični kabli - Podrobna specifikacija za optične tračne kable za okablenje prostorov (IEC 60794-2-31:2012)

Optical fibre cables - Part 2-31: Indoor optical fibre cables - Detailed specification for optical fibre ribbon cables for use in premises cabling (IEC 60794-2-31:2012)

Lichtwellenleiterkabel - Teil 2-31: LWL-Innenkabel - Bauartspezifikation für LWL-Bandkabel zur Innenverlegung für anwendungsneutrale Standortverkabelung (IEC 60794 -2-31:2012)

Câbles à fibres optiques - Partie 2-31: Câbles intérieurs - Spécification particulière pour les câbles à fibres optiques en ruban utilisés dans le câblage de locaux (CEI 60794-2-31:2012)

Ta slovenski standard je istoveten z: **EN 60794-2-31:2013**

ICS:

33.180.10	(Optična) vlakna in kabli	Fibres and cables

SIST EN 60794-2-31:2013 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60794-2-31

January 2013

ICS 33.180.10

Supersedes EN 60794-2-31:2006

English version

Optical fibre cables - Part 2-31: Indoor cables - Detailed specification for optical fibre ribbon cables for use in premises cabling

(IEC 60794-2-31:2012)

Câbles à fibres optiques -
Partie 2-31: Câbles intérieurs -
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Lichtwellenleiterkabel -
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Bauartspezifikation für LWL-Bandkabel zur Innenverlegung für anwendungsneutrale Standortverkabelung
(IEC 60794-2-31:2012)

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CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Ref. No. EN 60794-2-31:2013 E

Foreword

The text of document 86A/1468/FDIS, future edition 2 of IEC 60794-2-31, 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 60794-2-31:2013.

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)	2013-09-12
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2015-12-12

This document supersedes EN 60794-2-31:2006.

EN 60794-2-31:2013 includes the following significant technical changes with respect to EN 60794-2-31:2006:

• incorporation of the OM4 cabled fibre performance category;

• incorporation of the OS2 cabled fibre performance category;

• incorporation of the B6_a1 and B6_a2 fibre categories as per EN 60793-2-50.

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The text of the International Standard IEC 60794-2-31:2012 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60794-1-1	NOTE	Harmonized as EN 60794-1-1.
IEC 60794-2	NOTE	Harmonized as EN 60794-2.

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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

To be used together with the Annexes ZA of EN 60794-1-1, EN 60794-1-2, EN 60794-2 and EN 60794-2-30.

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	2008	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	2008
IEC 60794-1-2	-	Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures	EN 60794-1-2	-
IEC 60794-2-30	2008	Optical fibre cables - Part 2-30: Indoor cables - Family specification for ribbon cables	EN 60794-2-30	2008
ISO/IEC 11801	-	Information technology - Generic cabling for customer premises	-	-

IEC 60794-2-31

Edition 2.0 2012-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

PRICE CODE
CODE PRIX H

ICS 33.180.10

ISBN 978-2-83220-437-5

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FOREWORD

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International Standard IEC 60794-2-31 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 2005. It constitutes a technical revision.

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

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- incorporation of the OS2 cabled fibre performance category;
- incorporation of the B6_a1 and B6_a2 fibre categories as per IEC 60793-2-50.