SLOVENSKI STANDARD
SIST EN 60794-2-21:2012

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Nadomešča:
SIST EN 60794-2-21:2006

Optični kabli - 2-21. del: Notranji optični kabli - Podrobna specifikacija za razdelilne večvlakenske optične kable za okablenje poslopij (IEC 60794-2-21:2012)

Optical fibres cables - Part 2-21: Indoor optical fibre cables - Detailed specification for multi-fibre optical distribution cables for use in premises cabling (IEC 60794-2-21:2012)

Lichtwellenleiterkabel - Teil 2-21: LWL-Innenkabel - Bauartspezifikation für Mehrfaserverteilerkabel zur Innenverlegung für anwendungsneutrale Standortverkabelung (IEC 60794-2-21:2012)

Câbles à fibres optiques - Partie 2-21: Câbles à fibres optiques intérieurs - Spécification particulière pour les câbles optiques multi-fibres de distribution utilisés dans le câblage de locaux (CEI 60794-2-21:2012)

Ta slovenski standard je istoveten z: **EN 60794-2-21:2012**

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Optical fibre cables - Part 2-21: Indoor optical fibre cables - Detailed specification for multi-fibre optical distribution cables for use in premises cabling

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(IEC 60794-2-21:2012)

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 86A/1441/FDIS, future edition 2 of IEC 60794-2-21, 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 60794-2-21:2012.

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)	2013-03-19
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2015-06-19

This document supersedes EN 60794-2-21:2006.

EN 60794-2-21:2012 includes the following significant technical changes with respect to EN 60794-2-21:2006:

- 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 category as per EN 60793-2-50:2008.

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

Endorsement notice

The text of the International Standard IEC 60794-2-21:2012 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 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 60793-2-10	2007	Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres	EN 60793-2-10[1)]	2007
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 60794-1-1 + corr. January	2011 2012	Optical fibre cables - Part 1-1: Generic specification - General	EN 60794-1-1	2011
IEC 60794-1-2	2003	Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures	EN 60794-1-2	2003
IEC 60794-2	2002	Optical fibre cables - Part 2: Indoor cables - Sectional specification	EN 60794-2	2003
IEC 60794-2-20	2008	Optical fibre cables - Part 2-20: Indoor cables - Family specification for multi-fibre optical distribution cables	EN 60794-2-20	2010

[1)] EN 60793-2-10 is superseded by EN 60793-2-10:2011, which is based on IEC 60793-2-10:2011.

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FOREWORD

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International Standard IEC 60794-2-21 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.

The main changes are listed below:

- 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 category as per IEC 60793-2-50:2008