

SLOVENSKI STANDARD

SIST EN IEC 60794-1-402:2021

01-november-2021

Nadomešča:

SIST EN 60794-1-24:2014

Optični kabli - 1-402. del: Splošna specifikacija - Osnovni preskusni postopki za optične kable - Električne preskusne metode - Preskus odpornosti proti delovanju strele (za OPGW, OPPC in OPAC), metoda H2 (IEC 60794-1-402:2021)

Optical fibre cables - Part 1-402: Generic specification - Basic optical cable test procedures - Electrical test methods - Lightning test (for OPGW, OPPC and OPAC), Method H2 (IEC 60794-1-402:2021)

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Lichtwellenleiterkabel - Fachgrundspezifikation. Teil 402: Elektrische Prüfverfahren - Blitzeinschlagsimulation (für Lichtwellenleitererdseil, Lichtwellenleiterphasenseil, Lichtwellenleiterkabel befestigt am Phasenseil) Verfahren H2 (IEC 60794-1-402:2021)

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Câbles à fibres optiques - Procédures fondamentales d'essais des câbles optiques - Partie 402: Méthodes d'essais électriques - Essai foudre (pour les OPGW, les OPPC et les OPAC), Méthode H2 (IEC 60794-1-402:2021)

Ta slovenski standard je istoveten z: EN IEC 60794-1-402:2021

ICS:

33.180.10 (Optična) vlakna in kabli Fibres and cables

SIST EN IEC 60794-1-402:2021 en

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EUROPEAN STANDARD

EN IEC 60794-1-402

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2021

ICS 33.180.10

Supersedes EN 60794-1-24:2014 (partially)

English Version

Optical fibre cables - Part 1-402: Generic specification - Basic optical cable test procedures - Electrical test methods - Lightning test (for OPGW, OPPC and OPAC), Method H2 (IEC 60794-1-402:2021)

Câbles à fibres optiques - Procédures fondamentales d'essais des câbles optiques - Partie 402: Méthodes d'essais électriques - Essai foudre (pour les OPGW, les OPPC et les OPAC), Méthode H2 (IEC 60794-1-402:2021)

Lichtwellenleiterkabel - Fachgrundspezifikation - Teil 402: Elektrische Prüfverfahren - Blitz einschlagsimulation (für Lichtwellenleitererdseil, Lichtwellenleiterphasenseil, Lichtwellenleiterkabel befestigt am Phasenseil) Verfahren H2 (IEC 60794-1-402:2021)

This European Standard was approved by CENELEC on 2021-08-31. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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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 60794-1-402:2021 (E)**European foreword**

The text of document 86A/2045/CDV, future edition 1 of IEC 60794-1-402, 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 IEC 60794-1-402:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2022-05-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-08-31 document have to be withdrawn

This document partially supersedes EN 60794-1-24:2014 and all of its amendments and corrigenda (if any).

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Endorsement notice
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The text of the International Standard IEC 60794-1-402:2021 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 60794-1-2 NOTE Harmonized as EN IEC 60794-1-2

IEC 60794-1-24:2014 NOTE Harmonized as EN 60794-1-24:2014 (not modified)

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 60793-1-46	-	Optical fibres - Part 1-46: Measurement methods and test procedures - Monitoring of changes in optical transmittance	EN 60793-1-46	-
IEC 60794-1-1	-	Optical fibre cables - Part 1-1: Generic specification - General	EN 60794-1-1	-

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INTERNATIONAL STANDARD

Optical fibre cables – Part 1-402: Generic specification – Basic optical cable test procedures – Electrical test methods – Lightning test (for OPGW, OPPC and OPAC), Method H2

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRE CABLES –

**Part 1-402: Generic specification – Basic optical cable
test procedures – Electrical test methods – Lightning test
(for OPGW, OPPC and OPAC), Method H2**

FOREWORD

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IEC 60794-1-402 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

This first edition cancels and replaces the first edition of IEC 60794-1-24 published in 2014. This edition constitutes a technical revision.

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

- a) OPPC cables are included.

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

Draft	Report on voting
86A/2045/CDV	86A/2128/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all the parts in the IEC 60794 series, published under the general title *Optical fibre cables*, 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 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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