

BSI Standards Publication

Optical fibre cables

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

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Full document details: BS EN IEC 60794-2-31:2019+A1:2021

National foreword

This British Standard is the UK implementation of EN IEC 60794-2-31:2019+A1:2021. It is identical to IEC 60794-2-31:2019, incorporating amendment 1:2020. It supersedes BS EN IEC 60794-2-31:2019, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/86/1, Optical fibres and cables.

A list of organizations represented on this committee can be obtained on request to its committee manager.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Published by BSI Standards Limited 2021

ISBN 978 0 539 13438 4

ICS 33.180.10

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 June 2019.

Amendments/corrigenda issued since publication

Date	Text affected
31 January 2021	Implementation of IEC amendment 1:2020 with CENELEC endorsement A1:2021: replacement of Table 3

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60794-2-31:2019+A1

January 2021

ICS 33.180.10

English Version

Optical fibre cables - Part 2-31: Indoor cables - Detailed specification for optical fibre ribbon cables for use in premises cabling (IEC 60794-2-31:2019)

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 (IEC 60794-2-31:2019)

Lichtwellenleiterkabel - Teil 2-31: LWL-Innenkabel - Bauartspezifikation für LWL-Bandkabel für anwendungsneutrale Standortverkabelung (IEC 60794-2-31:2019)

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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

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European foreword

The text of document 86A/1923/FDIS, future edition 3 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 IEC 60794-2-31:2019.

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) 2020-02-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-05-17

This document supersedes EN 60794-2-31:2013.

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

Endorsement notice

The text of the International Standard IEC 60794-2-31:2019 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 60794-1-21	NOTE	Harmonized as EN 60794-1-21
IEC 60794-1-22	NOTE	Harmonized as EN IEC 60794-1-22
IEC 60794-1-23	NOTE	Harmonized as EN 60794-1-23
IEC 60794-2	NOTE	Harmonized as EN 60794-2

Foreword to amendment A1

The text of document 86A/2013/CDV, future IEC 60794-2-31/A1, 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 60794-2-31:2019/A1:2021.

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) 2021-09-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-12-23

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Endorsement notice

The text of the International Standard IEC 60794-2-31:2019/A1:2020 was approved by CENELEC as a European Standard without any modification.

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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.

Publication	Year	Title	EN/HD	Year
IEC 60793-2-10	—[1]	Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres	EN IEC 60793-2-10	—[2]
IEC 60793-2-50	2018	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN IEC 60793-2-50	2019
IEC 60794-1-1	2015	Optical fibre cables - Part 1-1: Generic specification - General	EN 60794-1-1	2016
IEC 60794-2-10	2011	Optical fibre cables - Part 2-10: Indoor optical fibre cables - Family specification for simplex and duplex cables	EN 60794-2-10	2011
IEC 60794-2-30	-	Optical fibre cables - Part 2-30: Indoor cables - Family specification for optical fibre ribbon cables for use in terminated cable assemblies	EN IEC 60794-2-30	-

[1] Under preparation. Stage at the time of publication: IEC DECFDIS 60793-2-10:2019.

[2] Under preparation. Stage at the time of publication: FprEN IEC 60793-2-10:2019.

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