



BSI Standards Publication

Optical fibre cables

Part 3-12: Outdoor cables — Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling

National foreword

This British Standard is the UK implementation of EN IEC 60794-3-12:2021. It is identical to IEC 60794-3-12:2021. It supersedes BS EN 60794-3-12:2013, which is withdrawn.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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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Optical fibre cables - Part 3-12: Outdoor cables - Detailed
specification for duct and directly buried optical
telecommunication cables for use in premises cabling
(IEC 60794-3-12:2021)

Câbles à fibres optiques - Partie 3-12: Câbles extérieurs -
Spécification particulière pour les câbles optiques de
télécommunication destinés à être installés dans des
conduites ou à être directement enterrés et utilisés dans le
câblage de locaux
(IEC 60794-3-12:2021)

Lichtwellenleiterkabel - Teil 3-12: LWL-Außenkabel -
Produktspezifikation für LWL-Fernmelde-Erd- und
Röhrenkabel für anwendungsneutrale Standortverkabelung
(IEC 60794-3-12:2021)

This European Standard was approved by CENELEC on 2021-03-03. 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

European foreword

The text of document 86A/2027/CDV, future edition 3 of IEC 60794-3-12, 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 60794-3-12:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2021-12-03 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-03-03 document have to be withdrawn

This document supersedes EN 60794-3-12:2013 and all of its amendments and corrigenda (if any).

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 60794-3-12:2021 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 60794-1-21 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 IEC 60794-1-23

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 60793-2-10	2019	Optical fibres - Part 2–10: Product specifications - Sectional specification for category A1 multimode fibres	EN 60793-2-10	2019
IEC 60793-2-50	2018	Optical fibres - Part 2–50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	2019
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 - Basic optical cable test procedures - General guidance	-	-
IEC 60794-3	-	Optical fibre cables - Part 3: Outdoor cables - Sectional specification	EN 60794-3	-
IEC 60794-3-10	-	Optical fibre cables - Part 3–10: Outdoor cables - Family specification for duct, directly buried and lashed aerial optical telecommunication cables	EN 60794-3-10	-