



BSI Standards Publication

Optical fibre cables

Part 3-10: Outdoor cables — Family specification for duct, directly buried or lashed aerial optical telecommunication cables

National foreword

This British Standard is the UK implementation of EN 60794-3-10:2015. It is identical to IEC 60794-3-10:2015. It supersedes BS EN 60794-3-10:2009 which is withdrawn.

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

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

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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English Version

Optical fibre cables - Part 3-10: Outdoor cables - Family
specification for duct, directly buried or lashed aerial optical
telecommunication cables
(IEC 60794-3-10:2015)

Câbles à fibres optiques - Partie 3-10: Câbles extérieurs -
Spécification de famille pour les câbles optiques de
télécommunication destinés à être installés dans des
conduites, directement enterrés ou attachés en aérien
(IEC 60794-3-10:2015)

Lichtwellenleiterkabel - Teil 3-10: Außenkabel -
Familienspezifikation für LWL-Fernmeldekabel für Röhren-
und direkte Erdverlegung sowie Befestigung an
Freileitungen oder Seilen
(IEC 60794-3-10:2015)

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

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Foreword

The text of document 86A/1630/FDIS, future edition 3 of IEC 60794-3-10, prepared by SC 86A "Fibres and cables" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60794-3-10:2015.

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) 2015-11-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-02-12

This document supersedes EN 60794-3-10:2009.

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Endorsement notice

The text of the International Standard IEC 60794-3-10:2015 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 1 When 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	-	Optical fibres -- Part 2: Product specifications - General	EN 60793-2	-
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 - Cross reference table for optical cable test procedures	EN 60794-1-2	-
IEC 60794-1-21	-	Optical fibre cables -- Part 1-21: Generic specification - Basic optical cable test procedures - Mechanical tests methods	EN 60794-1-21	-
IEC 60794-1-22	2012	Optical fibre cables -- Part 1-22: Generic specification - Basic optical cable test procedures - Environmental test methods	EN 60794-1-22	2012
IEC 60794-3	2001	Optical fibre cables -- Part 3: Sectional specification - Outdoor cables	EN 60794-3	2002
IEC 60811-202	-	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 202: General tests - Measurement of thickness of non-metallic sheath	EN 60811-202	-
IEC 60811-203	-	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 203: General tests - Measurement of overall dimensions	EN 60811-203	-
IEC 60811-604	-	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 604: Physical tests - Measurement of absence of corrosive components in filling compounds	EN 60811-604	-

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