



BSI Standards Publication

Optical fibre cables

Part 2-51: Indoor cables — Detail specification for simplex and duplex cables for use in cords for controlled environment

National foreword

This British Standard is the UK implementation of EN 60794-2-51:2014. It is identical to IEC 60794-2-51:2014.

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.

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Amendments/corrigenda issued since publication

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EUROPEAN STANDARD
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EN 60794-2-51

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English Version

Optical fibre cables - Part 2-51: Indoor cables - Detail specification for simplex and duplex cables for use in cords for controlled environment (IEC 60794-2-51:2014)

Câbles à fibres optiques - Partie 2-51: Câbles intérieurs -
Spécification particulière pour les câbles simplex et duplex
pour usage en cordons en environnement contrôlé
(CEI 60794-2-51:2014)

Lichtwellenleiterkabel - Teil 2-51: LWL-Innenkabel -
Bauartspezifikation für Simplex- und Duplexkabel zur
Verwendung in Kabeln für kontrollierte
Umgebungsbedingungen
(IEC 60794-2-51:2014)

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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/1599/FDIS, future edition 1 of IEC 60794-2-51, 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 60794-2-51:2014.

The following dates are fixed:

- latest date by which the document has to be (dop) 2015-04-15
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publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2017-07-15
standards conflicting with the
document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 60794-2-51:2014 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 60793-2-10	2011	Optical fibres -- Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres	EN 60793-2-10	2011
IEC 60793-2-50	2012	Optical fibres -- Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	2013
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 60794-1-22	-	Optical fibre cables -- Part 1-22: Generic specification - Basic optical cable test procedures - Environmental test methods	EN 60794-1-22	-
IEC 60794-2-50	2008	Optical fibre cables -- Part 2-50: Indoor cables - Family specification for simplex and duplex cables for use in terminated cable assemblies	EN 60794-2-50	2008
IEC 60811-201	-	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 201: General tests - Measurement of insulation thickness	EN 60811-201	-
IEC 61753-1	-	Fibre optic interconnecting devices and passive components performance standard -- Part 1: General and guidance for performance standards	EN 61753-1	-
IEC/TR 62225	-	Guidance on terms for connectors and mechanical structures in electronic equipment	-	-