



BSI Standards Publication

Optical fibre cables

Part 1-212: Generic specification — Basic optical cable test procedures — Environmental test methods — Temperature cycling with cable elements fixed at both ends, Method F12

National foreword

This British Standard is the UK implementation of EN IEC 60794-1-212:2024. It is identical to IEC 60794-1-212:2024. Together with BS EN IEC 60794-1-217:2024, it partially supersedes BS EN IEC 60794-1-22:2018.

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.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Optical fibre cables - Part 1-212: Generic specification - Basic
optical cable test procedures - Environmental test methods -
Temperature cycling with cable elements fixed at both ends,
Method F12
(IEC 60794-1-212:2024)

Câbles à fibres optiques - Partie 1-212: Spécification
générique - Procédures fondamentales d'essais des câbles
optiques - Méthodes d'essais d'environnement - Cycle de
température avec éléments de câble fixés aux deux
extrémités, Méthode F12
(IEC 60794-1-212:2024)

Lichtwellenleiterkabel - Teil 1-212: Fachgrundspezifikation -
Grundlegende Prüfverfahren für Lichtwellenleiterkabel -
Umweltprüfverfahren - Temperaturwechsel mit beidseitig
befestigten Kabelementen, Methode F12
(IEC 60794-1-212:2024)

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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.

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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/2357/CDV, future edition 1 of IEC 60794-1-212, 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 60794-1-212:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2025-02-10 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2027-05-10 document have to be withdrawn

This document partially supersedes EN IEC 60794-1-22:2018 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 60794-1-212:2024 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 standard indicated:

IEC 60068-2-14:2009	NOTE	Approved as EN 60068-2-14:2009 (not modified)
IEC 60794-1-22:2017	NOTE	Approved as EN IEC 60794-1-22:2018 (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.cencenelec.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 IEC 60794-1-1	-
IEC 60794-1-2	-	Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance	EN IEC 60794-1-2	-