

STN	<p style="text-align: center;">Optické káble Časť 1-309: Všeobecná špecifikácia Základné skúšobné postupy na optické káble Skúšobné metódy pre prvky kábla Ronenie a vyparovanie plniacich alebo zalievacích zmesí, metóda G9</p>	<p>STN EN IEC 60794-1-309</p>
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Optical fibre cables - Part 1-309: Generic specification - Basic optical cable test procedures - Cable element test methods - Bleeding and evaporation of filling or flooding compounds, Method G9

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/23

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English Version

**Optical fibre cables - Part 1-309: Generic specification - Basic
optical cable test procedures - Cable element test methods -
Bleeding and evaporation of filling or flooding compounds,
Method G9
(IEC 60794-1-309:2023)**

Câbles à fibres optiques - Partie 1-309: Spécification
généérique - Procédures fondamentales d'essai des câbles
optiques - Méthodes d'essai des éléments de câble -
Exsudation et évaporation des composés de remplissage
ou d'étanchéité, Méthode G9
(IEC 60794-1-309:2023)

Lichtwellenleiterkabel - Teil 1-309: Fachgrundspezifikation -
Grundlegende Prüfverfahren für Lichtwellenleiterkabel -
Entlüften und Verdampfen von Füll- oder Flutungsmassen,
Verfahren G9
(IEC 60794-1-309:2023)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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EN IEC 60794-1-309:2023 (E)**European foreword**

The text of document 86A/2305/FDIS, future edition 1 of IEC 60794-1-309, 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 60794-1-309:2023.

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) 2024-02-23
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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.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60794-1-2	-	Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance	EN IEC 60794-1-2	-



IEC 60794-1-309

Edition 1.0 2023-04

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Optical fibre cables –
Part 1-309: Generic specification – Basic optical cable test procedures – Cable
element test methods – Bleeding and evaporation of filling or flooding
compounds, Method G9**

**Câbles à fibres optiques –
Partie 1-309: Spécification générique – Procédures fondamentales d'essai des
câbles optiques – Méthodes d'essai des éléments de câble – Exsudation et
évaporation des composés de remplissage ou d'étanchéité, Méthode G9**





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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Optical fibre cables –

Part 1-309: Generic specification – Basic optical cable test procedures – Cable element test methods – Bleeding and evaporation of filling or flooding compounds, Method G9

Câbles à fibres optiques –

Partie 1-309: Spécification générique – Procédures fondamentales d'essai des câbles optiques – Méthodes d'essai des éléments de câble – Exsudation et évaporation des composés de remplissage ou d'étanchéité, Méthode G9

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INTERNATIONAL ELECTROTECHNICAL COMMISSION**OPTICAL FIBRE CABLES –****Part 1-309: Generic specification – Basic optical cable test procedures –
Cable element test methods – Bleeding and evaporation of filling
or flooding compounds, Method G9****FOREWORD**

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IEC 60794-1-309 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

This first edition of IEC 60794-1-309 cancels and replaces method G9 of the second edition of IEC 60794-1-23 published in 2019.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the optical cable element test methods contained in IEC 60794-1-23:2019 will now be individually numbered in the IEC 60794-1-3xx series. Each test method is now considered to be an individual document rather than part of a multi-test method compendium. Full cross-reference details are given in IEC 60794-1-2;
- b) the scope is broadened so that the test method is also applicable for flooding compounds;
- c) the cover of the test set-up is cancelled.

The text of this International Standard is based on the following documents:

Draft	Report on voting
86A/2305/FDIS	86A/2321/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts in the IEC 60794 series, published under the general title *Optical fibre cables*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

OPTICAL FIBRE CABLES –

Part 1-309: Generic specification – Basic optical cable test procedures – Cable element test methods – Bleeding and evaporation of filling or flooding compounds, Method G9

1 Scope

This part of IEC 60794 describes the test procedures to be used in establishing uniform requirements for optical fibre cable elements, filling compounds or flooding compounds, for the environmental property-bleeding and evaporation.

This document applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors.

NOTE Throughout the document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc.

2 Normative references

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.

IEC 60794-1-2, *Optical fibre cables – Part 1-2: Generic specification – Basic optical cable test procedures – General guidance*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN