



BSI Standards Publication

Fibre optic interconnecting devices and passive components — Basic test and measurement procedures

Part 2-34: Tests — Resistance to solvents and contaminating fluids

National foreword

This British Standard is the UK implementation of EN IEC 61300-2-34:2024. It is identical to IEC 61300-2-34:2024. It supersedes BS EN 61300-2-34:2009, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/86/2, Fibre optic interconnecting devices and passive components.

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

Fibre optic interconnecting devices and passive components -
Basic test and measurement procedures - Part 2-34: Tests -
Resistance to solvents and contaminating fluids
(IEC 61300-2-34:2024)

Dispositifs d'interconnexion et composants passifs
fibroniques - Procédures fondamentales d'essais et de
mesures - Partie 2-34 : Essais - Résistance aux solvants et
aux fluides contaminants
(IEC 61300-2-34:2024)

Lichtwellenleiter - Verbindungselemente und passive
Bauteile - Grundlegende Prüf- und Messverfahren - Teil 2-
34: Prüfungen - Beständigkeit gegen Lösungsmittel und
verschmutzende Flüssigkeiten
(IEC 61300-2-34:2024)

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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 86B/4879/FDIS, future edition 3 of IEC 61300-2-34, prepared by SC 86B "Fibre optic interconnecting devices and passive components" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61300-2-34:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2025-03-28 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2025-06-28 document have to be withdrawn

This document supersedes EN 61300-2-34:2009 and all of its amendments and corrigenda (if any).

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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 61300-2-34:2024 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 60068-2-74	NOTE	Approved as EN 60068-2-74
IEC 61753-1	NOTE	Approved as EN IEC 61753-1

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 61300-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance	EN IEC 61300-1	-
IEC 61300-2-38	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-38: Tests - Sealing for fibre optic sealed closures and hardened connectors using air pressure	EN IEC 61300-2-38	-
IEC 61300-3-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-1: Examinations and measurements - Visual examination	EN 61300-3-1	-
IEC 61300-3-4	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-4: Examinations and measurements - Attenuation	EN IEC 61300-3-4	-
IEC 61300-3-6	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-6: Examinations and measurements - Return loss	EN 61300-3-6	-
IEC 61753	series	Fibre optic interconnecting devices and passive components - Performance standard	EN IEC 61753	series
IEC 62005	series	Reliability of fibre optic interconnecting devices and passive components	EN 62005	series
ISO 1998-1	1998	Petroleum industry – Terminology – Part 1: Raw materials and products	-	-
		Automotive fuels - Diesel - Requirements and test methods	EN 590	