



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 of interconnecting components and closures

### National foreword

This British Standard is the UK implementation of EN 61300-2-34:2009. It is identical to IEC 61300-2-34:2009. It supersedes BS EN 61300-2-34:1997 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee GEL/86, Fibre optics, to Subcommittee 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 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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**Compliance with a British Standard cannot confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 September 2009

### Amendments issued since publication

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

# EN 61300-2-34

July 2009

ICS 33.180.20

Supersedes EN 61300-2-34:1997

English version

**Fibre optic interconnecting devices and passive components -  
Basic test and measurement procedures -  
Part 2-34: Tests -  
Resistance to solvents and contaminating fluids  
of interconnecting components and closures  
(IEC 61300-2-34:2009)**

Dispositifs d'interconnexion  
et composants passifs à fibres optiques -  
Procédures fondamentales d'essais  
et de mesures -  
Partie 2-34: Essais -  
Résistance des composants  
d'interconnexion et des boîtiers  
aux solvants et aux fluides contaminants  
(CEI 61300-2-34:2009)

Lichtwellenleiter -  
Verbindungselemente  
und passive Bauteile -  
Grundlegende Prüf- und Messverfahren -  
Teil 2-34: Beständigkeit  
von Verbindungsbauteilen  
und Muffen gegen Lösemittel  
und verschmutzende Flüssigkeiten  
(IEC 61300-2-34:2009)

This European Standard was approved by CENELEC on 2009-06-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

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 Central Secretariat has the same status as the official versions.

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## CENELEC

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

**Central Secretariat: Avenue Marnix 17, B - 1000 Brussels**

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## Foreword

The text of document 86B/2826/FDIS, future edition 2 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 was approved by CENELEC as EN 61300-2-34 on 2009-06-01.

This European Standard supersedes EN 61300-2-34:1997.

The main changes from EN 61300-2-34:1997 are as follows: the procedure and severity have been reconsidered.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2010-03-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2010-06-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61300-2-34:2009 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60068-2-74      NOTE Harmonized as EN 60068-2-74:1999 (not modified).

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## **Annex ZA** (normative)

### **Normative references to international publications with their corresponding European publications**

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u>     | <u>Title</u>                                                                                                                      | <u>EN/HD</u> | <u>Year</u>        |
|--------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|
| IEC 61300-1        | - <sup>1)</sup> | Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance | EN 61300-1   | 2003 <sup>2)</sup> |

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.