



NSAI
Standards

Irish Standard
I.S. EN 61300-3-39:2012

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 3-39: Examinations and measurements - Physical contact (PC) optical connector reference plug selection for return loss measurements (IEC 61300-3-39:2011 (EQV))

I.S. EN 61300-3-39:2012

Incorporating amendments/corrigenda issued since publication:

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|--|--|---|
| <i>This document replaces:</i> EN 61300-3-39:1997 | <i>This document is based on:</i> EN 61300-3-39:2012 EN 61300-3-39:1997 | <i>Published:</i> 23 March, 2012 21 October, 1997 |
| This document was published under the authority of the NSAI and comes into effect on: 17 April, 2012 | | ICS number: 33.180.20 |
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61300-3-39

March 2012

ICS 33.180.20

Supersedes EN 61300-3-39:1997

English version

**Fibre optic interconnecting devices and passive components -
Basic test and measurement procedures -
Part 3-39: Examinations and measurements -
Physical contact (PC) optical connector reference plug selection for return
loss measurements
(IEC 61300-3-39:2011)**

Dispositifs d'interconnexion et composants
passifs à fibres optiques -
Méthodes fondamentales d'essais et de
mesures -
Partie 3-39: Examens et mesures -
Choix d'une fiche de référence pour
connecteur optique à contact physique
(PC) pour la mesure de l'affaiblissement
de réflexion
(CEI 61300-3-39:2011)

Lichtwellenleiter -
Verbindungselemente und passive
Bauteile -
Grundlegende Prüf- und Messverfahren -
Teil 3-39: Untersuchungen und
Messungen -
Auswahl des Referenzsteckverbinders für
Lichtwellenleiter-Steckverbinder mit
physikalischem Kontakt (PC) für
Rückflussschwächungsmessungen
(IEC 61300-3-39:2011)

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CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

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Foreword

The text of document 86B/3274/FDIS, future edition 2 of IEC 61300-3-39, 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 61300-3-39:2012.

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) 2012-09-27
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2012-12-27

This document supersedes EN 61300-3-39:1997.

Changes from EN 61300-3-39:1997 are structure of the standard, general description and the annex.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 61300-3-39:2011 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 61300-1 NOTE Harmonized as EN 61300-1.

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 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 61300-3-6 | - | Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-6: Examinations and measurements - Return loss | EN 61300-3-6 | - |

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING
DEVICES AND PASSIVE COMPONENTS –
BASIC TEST AND MEASUREMENT PROCEDURES –**

**Part 3-39: Examinations and measurements –
Physical contact (PC) optical connector reference
plug selection for return loss measurements**

FOREWORD

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International Standard IEC 61300-3-39 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This second edition of IEC 61300-3-39 cancels and replaces the first edition published in 1997 and constitutes a technical revision. Changes from the previous edition are structure of the standard, general description and the Annex.

The text of this standard is based on the following documents:

| FDIS | Report on voting |
|---------------|------------------|
| 86B/3274/FDIS | 86B/3306/RVD |

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The list of all parts of IEC 61300 series, published under the general title *Fibre optic interconnecting and passive components – Basic test and measurement procedures*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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