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**Fiberoptik –
Anslutningsdon och passiva komponenter –
Provning och mätning –
Del 3-52: Undersökning och mätning –
Deformationskonstant CD för styrpinne och styrhål för PC-optiskt
kontaktdon med vinklad (8°) rektangulär hylsa för singelmodfiber**

*Fibre optic interconnecting devices and passive components –
Basic test and measurement procedures –
Part 3-52: Examinations and measurements –
Guide hole and alignment pin deformation constant,
CD for 8 degree angled PC rectangular ferrule, single mode fibres*

Som svensk standard gäller europastandarden EN 61300-3-52:2014. Den svenska standarden innehåller den officiella engelska språkversionen av EN 61300-3-52:2014.

Nationellt förord

Europastandarden EN 61300-3-52:2014

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 61300-3-52, First edition, 2014 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-52: Examinations and measurements - Guide hole and alignment pin deformation constant, CD for 8 degree angled PC rectangular ferrule, single mode fibres**

utarbetad inom International Electrotechnical Commission, IEC.

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**Fibre optic interconnecting devices and passive components -
Basic test and measurement procedures -
Part 3-52: Examinations and measurements -
Guide hole and alignment pin deformation constant, CD for 8 degree angled PC
rectangular ferrule, single mode fibres
(IEC 61300-3-52:2014)**

Dispositifs d'interconnexion et composants
passifs à fibres optiques -
Procédures fondamentales d'essais et de
mesures -
Partie 3-52: Examens et mesures -
Constante CD de déformation de l'alésage de
guidage et de la broche d'alignement, pour
ferrule rectangulaire PC avec angle de
8 degrés, fibres unimodales
(CEI 61300-3-52:2014)

Lichtwellenleiter -
Verbindungselemente und passive Bauteile -
Grundlegende Prüf- und Messverfahren -
Teil 3-52: Messung -
Deformationskonstante CD der
Führungsbohrung und des Führungsstifts
einer 8° abgeschrägten Rechteckferrule mit
physikalischem Kontakt für Einmodenfasern
(IEC 61300-3-52:2014)

This European Standard was approved by CENELEC on 2014-03-13. 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.

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CENELEC

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 86B/3704/FDIS, future edition 1 of IEC 61300-3-52, 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 61300-3-52:2014.

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) 2014-12-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-03-13

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The text of the International Standard IEC 61300-3-52:2014 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 standards indicated:

IEC 61754-7	NOTE	Harmonized as EN 61754-7.
IEC 61754-10	NOTE	Harmonized as EN 61754-10.

CONTENTS

FOREWORD.....	3
1 Scope.....	5
2 General description	5
2.1 General.....	5
2.2 Test conditions	6
3 Apparatus.....	6
3.1 Precision linear scale.....	6
3.2 Sample preparation.....	7
4 Procedure.....	8
5 Details to be specified	8
Bibliography.....	9
Figure 1 – Y_i and C_D definitions	5
Figure 2 – Precision linear scale and C_D measurement set-up.....	7
Figure 3 – Sample preparation.....	8
Table 1 – Test conditions.....	6

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING
DEVICES AND PASSIVE COMPONENTS –
BASIC TEST AND MEASUREMENT PROCEDURES –**
**Part 3-52: Examinations and measurements –
Guide hole and alignment pin deformation constant, C_D
for 8 degree angled PC rectangular ferrule, single mode fibres**

FOREWORD

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International Standard IEC 61300-3-52 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

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

FDIS	Report on voting
86B/3704/FDIS	86B/3727/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.

A list of all parts in the 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

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

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

**Part 3-52: Examinations and measurements –
Guide hole and alignment pin deformation constant, C_D
for 8 degree angled PC rectangular ferrule, single mode fibres**

1 Scope

This part of IEC 61300 describes a procedure to measure guide hole and alignment pin deformation constant, C_D for 8 degree angled PC rectangular ferrule multi-fibre connectors.