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

Obsahuje: EN 61300-3-25:2013, IEC 61300-3-25:2013

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English version

**Fibre optic interconnecting devices and passive components -
 Basic test and measurement procedures -
 Part 3-25: Examinations and measurements -
 Concentricity of the non-angled ferrules and non-angled ferrules with fibre
 installed
 (IEC 61300-3-25:2013)**

Dispositifs d'interconnexion et composants
 passifs à fibres optiques -
 Procédures fondamentales d'essais et de
 mesures -
 Partie 3-25: Examens et mesures -
 Concentricité des férules sans angle et des
 férules sans angle avec fibre montée
 (CEI 61300-3-25:2013)

Lichtwellenleiter -
 Verbindungselemente und passive Bauteile -
 Grundlegende Prüf- und Messverfahren --Teil
 3-25: Untersuchungen und Messungen -
 Konzentrität der nicht abgewinkelten
 Ferrulen und der nicht abgewinkelten Ferrulen
 mit eingebauter Faser
 (IEC 61300-3-25:2013)

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Foreword

The text of document 86B/3548/CDV, future edition 2 of IEC 61300-3-25, prepared by subcommittee 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 61300-3-25:2013.

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) 2014-07-18
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This document supersedes EN 61300-3-25:1997.

EN 61300-3-25:2013 includes the following significant technical changes with respect to EN 61300-3-25:1997:

- a) reconsideration of method A with the idea of applying a signal processor;
- b) introduction of two new annexes (A and B).

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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>
ISO 2538	-	Geometrical Product Specifications (GPS) - Series of angles and slopes on prisms	EN ISO 2538	-

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

Part 3-25: Examinations and measurements – Concentricity of the non-angled ferrules and non-angled ferrules with fibre installed

Dispositifs d'interconnexion et composants passifs à fibres optiques –

Procédures fondamentales d'essais et de mesures –

Partie 3-25: Examens et mesures – Concentricité des férules sans angle et des férules sans angle avec fibre montée





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INTERNATIONAL STANDARD

NORME INTERNATIONALE

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Part 3-25: Examinations and measurements – Concentricity of the non-angled ferrules and non-angled ferrules with fibre installed

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Partie 3-25: Examens et mesures – Concentricité des férules sans angle et des férules sans angle avec fibre montée

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES
AND PASSIVE COMPONENTS –
BASIC TEST AND MEASUREMENT PROCEDURES –****Part 3-25: Examinations and measurements – Concentricity of
the non-angled ferrules and non-angled ferrules with fibre installed**

FOREWORD

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International Standard IEC 61300-3-25 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 1997 and constitutes a technical revision.

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

- a) reconsideration of method A with the idea of applying a signal processor;
- b) introduction of two new annexes (A and B).

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

CDV	Report on voting
86B/3548/CDV	86B/3631/RVC

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

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

**Part 3-25: Examinations and measurements – Concentricity of
the non-angled ferrules and non-angled ferrules with fibre installed**

1 Scope

This part of IEC 61300 describes the procedure to determine the concentricity of the axis of the bore in a non-angled ferrule with the axis of the ferrule, or in the case of non-angled ferrules with fibre installed, to determine the concentricity of the axis of the fibre core with the axis of the ferrule.

2 Normative references

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.

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