

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

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

**Part 3-54: Examinations and measurements – Angular misalignment between ferrule bore axis and ferrule axis for cylindrical ferrules**

**Dispositifs d'interconnexion et composants passifs fibroniques – Procédures fondamentales d'essais et de mesures –**

**Partie 3-54: Examens et mesures – Erreur d'alignement angulaire entre l'axe de l'alésage de ferrule et l'axe de ferrule pour les férules cylindriques**





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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

**Part 3-54: Examinations and measurements –  
Angular misalignment between ferrule bore axis  
and ferrule axis for cylindrical ferrules**

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

FDIS	Report on voting
86B/4203/FDIS	86B/4215/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 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 3-54: Examinations and measurements – Angular misalignment between ferrule bore axis and ferrule axis for cylindrical ferrules

### 1 Scope

This part of IEC 61300 describes the procedure to measure the angular misalignment between the ferrule bore axis and the outside diameter datum axis of a cylindrical ferrule.

### 2 Normative references

The following documents are referred to in the text in such a way that none 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.

ISO 1938-1, *Geometrical product specifications (GPS) – Dimensional measuring equipment – Part 1: Plain limit gauges of linear size*

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#### 3.1

**angular misalignment**  
angle  $\theta$  between the ferrule outside diameter datum and the ferrule bore axis

Note 1 to entry: The angular misalignment is measured in degrees.

Note 2 to entry: See Figure 1.