

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-53: Examinations and Measurements - Encircled angular flux (EAF) measurement method based on two-dimensional far field data from step index multimode waveguide (including fibre)

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

|                                                                                                                     |                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| See Eesti standard EVS-EN 61300-3-53:2015 sisaldab Euroopa standardi EN 61300-3-53:2015 ingliskeelset teksti.       | This Estonian standard EVS-EN 61300-3-53:2015 consists of the English text of the European standard EN 61300-3-53:2015.            |
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English Version

Fibre optic interconnecting devices and passive components -  
Basic test and measurement procedures - Part 3-53:  
Examinations and measurements - Encircled angular flux (EAF)  
measurement method based on two-dimensional far field data  
from step index multimode waveguide (including fibre)  
(IEC 61300-3-53:2015)

Dispositifs d'interconnexion et composants passifs à fibres  
optiques - Procédures fondamentales d'essais et de  
mesures - Partie 3-53 : Examens et mesures - Méthode de  
mesure du flux angulaire inscrit (EAF) fondée sur les  
données bidimensionnelles de champ lointain d'un guide  
d'onde multimodal à saut d'indice (fibre incluse)  
(IEC 61300-3-53:2015)

Lichtwellenleiter - Verbindungselemente und passive  
Bauteile - Grundlegende Prüf- und Messverfahren - Teil 3-  
53: Untersuchungen und Messungen - Verfahren zur  
Messung des winkelabhängigen begrenzten Lichtstroms  
(EAF) basierend auf den zweidimensionalen Fernfelddaten  
einer Mehrmodenfasern  
(IEC 61300-3-53:2015)

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Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

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## Foreword

The text of document 86B/3850/FDIS, future edition 1 of IEC 61300-3-53, 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 61300-3-53:2015.

The following dates are fixed:

- latest date by which the document has to be implemented at (dop) 2015-12-12  
national level by publication of an identical national  
standard or by endorsement
- latest date by which the national standards conflicting with (dow) 2018-03-12  
the document have to be withdrawn

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

|                |      |                              |
|----------------|------|------------------------------|
| IEC 60793-2-30 | NOTE | Harmonized as EN 60793-2-30. |
| IEC 60793-2-40 | NOTE | Harmonized as EN 60793-2-40. |
| IEC 60793-1-43 | NOTE | Harmonized as EN 60793-1-43. |

**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 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

| <u>Publication</u> | <u>Year</u> | <u>Title</u>                                                                                                                       | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| IEC 60825-1        | -           | Safety of laser products -- Part 1: Equipment classification and requirements                                                      | EN 60825-1   | -           |
| IEC 61300-1        | -           | Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 1: General and guidance | EN 61300-1   | -           |

## CONTENTS

|                                                                                              |    |
|----------------------------------------------------------------------------------------------|----|
| FOREWORD.....                                                                                | 4  |
| 1 Scope.....                                                                                 | 6  |
| 2 Normative references.....                                                                  | 6  |
| 3 Terms and definitions .....                                                                | 6  |
| 4 Standard atmospheric conditions .....                                                      | 7  |
| 5 Apparatus.....                                                                             | 7  |
| 5.1 General.....                                                                             | 7  |
| 5.2 Measurement method 1: $f\theta$ lens imaging .....                                       | 8  |
| 5.2.1 General .....                                                                          | 8  |
| 5.2.2 Micro-positioner .....                                                                 | 8  |
| 5.2.3 FFP optical system .....                                                               | 8  |
| 5.2.4 Camera.....                                                                            | 8  |
| 5.2.5 Computer (EAF analyser module).....                                                    | 9  |
| 5.2.6 Calibration light source .....                                                         | 9  |
| 5.3 Measurement method 2: direct imaging.....                                                | 9  |
| 5.3.1 General .....                                                                          | 9  |
| 5.3.2 Micro-positioner .....                                                                 | 9  |
| 5.3.3 Optical power.....                                                                     | 9  |
| 5.3.4 Alignment .....                                                                        | 9  |
| 5.3.5 Detector.....                                                                          | 9  |
| 5.3.6 Single-mode fibre.....                                                                 | 10 |
| 5.3.7 Imaging device.....                                                                    | 10 |
| 6 Sampling and specimens .....                                                               | 11 |
| 7 Geometric calibration.....                                                                 | 11 |
| 8 Measurement procedure .....                                                                | 12 |
| 8.1 Safety.....                                                                              | 12 |
| 8.2 Far field image acquisition.....                                                         | 12 |
| 8.2.1 General .....                                                                          | 12 |
| 8.2.2 Waveguide end-face alignment.....                                                      | 12 |
| 8.2.3 Light source image acquisition .....                                                   | 12 |
| 8.3 Removal of background noise.....                                                         | 13 |
| 8.4 Centre determination.....                                                                | 13 |
| 8.4.1 General .....                                                                          | 13 |
| 8.4.2 Method A: Optical centre determination .....                                           | 13 |
| 8.4.3 Method B: Mechanical centre determination.....                                         | 14 |
| 8.5 Computation of encircled angular flux .....                                              | 14 |
| 9 Results.....                                                                               | 16 |
| 9.1 Information available with each measurement.....                                         | 16 |
| 9.2 Information available upon request .....                                                 | 16 |
| 10 Details to be specified .....                                                             | 16 |
| Annex A (informative) System requirements: measurement method 1 – Field optical system ..... | 18 |
| A.1 General.....                                                                             | 18 |
| A.2 Requirements.....                                                                        | 18 |
| Annex B (informative) System requirements: measurement method 2 – Direct imaging.....        | 19 |
| B.1 General.....                                                                             | 19 |

|                                                                                                            |    |
|------------------------------------------------------------------------------------------------------------|----|
| B.2 Requirements.....                                                                                      | 19 |
| Bibliography .....                                                                                         | 20 |
| Figure 1 – Apparatus configuration: Measurement method 1: $f\theta$ lens imaging .....                     | 8  |
| Figure 2 – Far field optical system diagram .....                                                          | 8  |
| Figure 3 – Apparatus configuration: measurement method 2 – Direct imaging using an integrating sphere..... | 10 |
| Figure 4 – Apparatus configuration: measurement method 2 – Direct imaging using a single-mode fibre .....  | 10 |
| Figure 5 – Apparatus configuration: measurement method 2 – Direct imaging using an imaging device .....    | 11 |
| Figure 6 – Calibration apparatus example.....                                                              | 12 |
| Figure 7 – Acquired far field image.....                                                                   | 13 |
| Figure 8 – Acquired far field image with false colour .....                                                | 13 |
| Figure 9 – Optical centre determination .....                                                              | 14 |
| Figure 10 – Coordinate conversion to polar coordinate on the image sensor plane .....                      | 15 |
| Figure 11 – Standard encircled angular flux chart .....                                                    | 16 |
| Figure A.1 – An example of an optical system using an $f\theta$ lens.....                                  | 18 |

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