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**Optični spojni elementi in pasivne komponente - Osnovni preskusni in merilni postopki - 3-45. del: Preiskave in meritve - Slabljenje naključno spojenih večvlakenskih konektorjev (IEC 61300-3-45:2011)**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-45: Examinations and measurements - Attenuation of random mated multi-fibre connectors (IEC 61300-3-45:2011)

**iTeh STANDARD PREVIEW**

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Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren - Teil 3-45: Untersuchungen und Messungen - Dämpfung von zufällig gesteckten Mehrfasersteckverbindern (IEC 61300-3-45:2011)

[SIST EN 61300-3-45:2011](https://standards.iteh.ai/catalog/standards/sist/b1bc6fbf-bb3c-4dc7-bb9-composants-passifs-a-fibres-optiques)

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Dispositifs d'interconnexion et composants passifs à fibres optiques - Méthodes fondamentales d'essais et de mesures - Partie 3-45: Examens et mesures - Affaiblissement dû à l'accouplement de connecteurs quelconques multifibres (I E61300-3-45:2011)

**Ta slovenski standard je istoveten z: EN 61300-3-45:2011**

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**ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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**SIST EN 61300-3-45:2011**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61300-3-45**

June 2011

ICS 33.180.20

English version

**Fibre optic interconnecting devices and passive components -  
Basic test and measurement procedures -  
Part 3-45: Examinations and measurements -  
Attenuation of random mated multi-fibre connectors  
(IEC 61300-3-45:2011)**

Dispositifs d'interconnexion et composants  
passifs à fibres optiques -  
Méthodes fondamentales d'essais et de  
mesures -  
Partie 3-45: Examens et mesures -  
Affaiblissement dû à l'accouplement de  
connecteurs quelconques multifibres  
(CEI 61300-3-45:2011)

Lichtwellenleiter -  
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Teil 3-45: Untersuchungen und  
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Dämpfung von zufällig gesteckten  
Mehrfasersteckverbindern  
(IEC 61300-3-45:2011)

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 86B/3177/FDIS, future edition 1 of IEC 61300-3-45, 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 was approved by CENELEC as EN 61300-3-45 on 2011-06-16.

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

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-03-16
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2014-06-16

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61300-3-45:2011 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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.

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 61300-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance	EN 61300-1	-
IEC 61300-3-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-1: Examinations and measurements - Visual examination	EN 61300-3-1	-
IEC 61300-3-35	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Fibre optic cylindrical connector endface visual and automated inspection	EN 61300-3-35	-
IEC 61754	Series	Fibre optic connector interfaces	EN 61754	Series

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# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –  
Part 3-45: Examinations and measurements – Attenuation of random mated multi-fibre connectors**

[SIST EN 61300-3-45:2011](https://standards.iteh.ai/catalog/standards/sist/b1bc6fbf-bb3c-4dc7-bf39-7e9981d2c80c/sist-en-61300-3-45-2011)

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**Dispositifs d'interconnexion et composants passifs à fibres optiques – Méthodes fondamentales d'essais et de mesures –  
Partie 3-45: Examens et mesures – Affaiblissement dû à l'accouplement de connecteurs quelconques multifibres**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

**Part 3-45: Examinations and measurements –  
Attenuation of random mated multi-fibre connectors**

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

FDIS	Report on voting
86B/3177/FDIS	86B/3215/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.