

STN	Optovláknové spájacie prvky a pasívne súčiastky Základné skúšobné a meracie postupy Časť 2-6: Skúšky Pevnosť spájacieho mechanizmu v ťahu	STN EN IEC 61300-2-6 35 9252
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Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-6: Tests - Tensile strength of coupling mechanism

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/24

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NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2024

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Supersedes EN 61300-2-6:2011

English Version

**Fibre optic interconnecting devices and passive components -
Basic test and measurement procedures - Part 2-6: Tests -
Tensile strength of coupling mechanism
(IEC 61300-2-6:2023)**

Dispositifs d'interconnexion et composants passifs
fibroniques - Procédures fondamentales d'essais et de
mesures - Partie 2-6: Essais - Résistance à la traction du
mécanisme de couplage
(IEC 61300-2-6:2023)

Lichtwellenleiter - Verbindungselemente und passive
Bauteile - Grundlegende Prüf- und Messverfahren - Teil 2-
6: Prüfungen - Zugfestigkeit der Verriegelung
(IEC 61300-2-6:2023)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61300-2-6:2024 (E)**European foreword**

The text of document 86B/4808/FDIS, future edition 3 of IEC 61300-2-6, 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 IEC 61300-2-6:2024.

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IEC 61753-1 NOTE Approved as EN IEC 61753-1

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

<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 IEC 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 61300-3-3	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-3: Examinations and measurements - Active monitoring of changes in attenuation and return loss	EN 61300-3-3	-



IEC 61300-2-6

Edition 3.0 2023-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –
Part 2-6: Tests – Tensile strength of coupling mechanism**

**Dispositifs d'interconnexion et composants passifs fibroniques – Procédures fondamentales d'essais et de mesures –
Partie 2-6: Essais – Résistance à la traction du mécanisme de couplage**



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Edition 3.0 2023-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –
Part 2-6: Tests – Tensile strength of coupling mechanism**

**Dispositifs d'interconnexion et composants passifs fibroniques – Procédures fondamentales d'essais et de mesures –
Partie 2-6: Essais – Résistance à la traction du mécanisme de couplage**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING
DEVICES AND PASSIVE COMPONENTS –
BASIC TEST AND MEASUREMENT PROCEDURES –****Part 2-6: Tests – Tensile strength of coupling mechanism**

FOREWORD

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IEC 61300-2-6 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics. It is an International Standard.

This third edition cancels and replaces the second edition published in 2010. This edition constitutes a technical revision.

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

- a) addition of normative references;
- b) modification of the details to be specified;

c) addition of optical monitoring.

The text of this International Standard is based on the following documents:

Draft	Report on voting
86B/4808/FDIS	86B/4825/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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 2-6: Tests – Tensile strength of coupling mechanism

1 Scope

This part of IEC 61300 describes a test to ensure the coupling mechanism of a connector set or connector and device combination withstands the axial loads likely to be applied during normal service, and that the optical performance remains within the given specifications during this test.

2 Normative references

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