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Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –
Part 2-15: Tests – Torque strength of coupling mechanism

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CONTENTS

FOREWORD 3

1 Scope 5
2 Normative references 5
3 General description 5
4 Apparatus 5
4.1 Stand 5
4.2 Specimen holder 5
4.3 Coupling 6
4.4 Coupling shaft 6
4.5 Alignment mechanism 6
4.6 Torque applicator and gauge 6
5 Procedure 7
5.1 Preparation of specimens 7
5.2 Pre-conditioning 7
5.3 Specimen mounting 7
5.4 Torque loading 7
5.5 Post-test examination 7
6 Severity 7
7 Details to be specified 7

Figure 1 – Coupling torque tester 6

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International Standard IEC 61300-2-15 has been prepared by sub-committee 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 1995. It constitutes a technical revision. Specific technical changes from the previous edition include reexamination of the pre-conditioning and rewriting of the entire composition according to the latest IEC Directives.

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

CDV	Result of voting
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Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

A list of all parts of 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.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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

Part 2-15: Tests – Torque strength of coupling mechanism

1 Scope

This part of IEC 61300 applies an overload torque to twist-type coupling mechanisms. It is applicable to threaded or bayonet-twist type coupling mechanisms. It can be used to ensure that the coupling mechanism of a connector set or connector-device combination will withstand the torsional loads likely to be applied during normal service.

2 Normative references

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.

IEC 61300-3-1: *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-1: Examinations and measurements – Visual examination*