

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components –
Performance standard –
Part 071-02: Non-connectorized single-mode fibre optic 1 × 2 and 2 × 2 spatial
switches for category C – Controlled environments**

**Dispositifs d'interconnexion et composants passifs fibroniques –
Norme de performance –
Partie 071-02: Commutateurs spatiaux optiques unimodaux 1 × 2 et 2 × 2
non connectés pour la catégorie C – Environnements contrôlés**





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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES
AND PASSIVE COMPONENTS –
PERFORMANCE STANDARD –****Part 071-02: Non-connectorized single-mode fibre optic 1 × 2 and
2 × 2 spatial switches for category C – Controlled environments**

FOREWORD

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International Standard IEC 61753-071-02 has been prepared by subcommittee SC 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee TC 86: Fibre optics.

This first edition cancels and replaces IEC 61753-071-2 published in 2014. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to IEC 61753-071-2:2014.

- a) addition of performance requirements of repeatability and switching durability;
- b) deleting of performance requirements of directivity;
- c) deleting of test of operational shock;
- d) change of performance requirements of switching time;

- e) change of test condition of high optical power;
- f) harmonization of the test conditions with IEC 61753-1:2018.

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

FDIS	Report on voting
86B/4324/FDIS	86B/4334/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

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

A list of all parts in the IEC 61753 series, published under the general title *Fibre optic interconnecting devices and passive components – Performance standard*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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