

INTERNATIONAL STANDARD

**Fibre optic interconnecting devices and passive components – Performance standard –
Part 031-6: Non-connectorized single-mode 1xN and 2xN non-wavelength-selective branching devices for Category O – Uncontrolled environment**





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IEC Central Office
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
Fax: +41 22 919 03 00
info@iec.ch
www.iec.ch

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PERFORMANCE STANDARD –****Part 031-6: Non-connectorized single-mode 1×N and 2×N
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FOREWORD

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International Standard IEC 61753-031-6 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This second edition of IEC 61753-031-6 cancels and replaces the first edition published in 2008 and constitutes a technical revision.

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

- a) deletion of the Introduction;

- b) an updated and extended scope to reflect an introduction of two attenuation and uniformity performance classes for balanced NWBD instead of branching device technologies on the market;
- c) an updated list of normative references;
- d) a more simplified introduction to the two types of spectral bands;
- e) Clause 5, Performance requirements, has been updated and extended to reflect the introduction of two attenuation and uniformity performance classes for balanced NWBD;
- f) simplified test items to exclude tests for damp heat (steady state) and impact for performance requirements;
- g) Annex A has been changed to introduce the calculated and minimum requirements for attenuation and uniformity.

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

FDIS	Report on voting
86B/3763/FDIS	86B/3825/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.

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

IEC 61753 consists of the following parts, under the general title *Fibre optic interconnecting devices and passive components – Performance standard*:

The committee has decided that the contents of this publication will remain unchanged until the stability 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.