

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Performance standard –
Part 131-03: Single-mode mechanical fibre splice for category OP – Outdoor protected environment**

**Dispositifs d'interconnexion et composants passifs fibroniques – Norme de performance –
Partie 131-03: Épissure mécanique de fibres unimodales pour catégorie OP – Environnement extérieur protégé**





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

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

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES AND
PASSIVE COMPONENTS – PERFORMANCE STANDARD –****Part 131-03: Single-mode mechanical fibre splice
for category OP – Outdoor protected environment**

FOREWORD

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IEC 61753-131-03 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 first edition cancels and replaces IEC 61753-131-3 first 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 definitions;
- b) addition of IEC 60068-2-10 mould growth test and test severities for materials;
- c) replacement of the IEC 61753-1:2007 category U tests and test severities by the IEC 61753-1:2018 category OP tests;

- d) addition of the requirement that dimensions are in accordance with IEC 61756-1;
- e) addition of the bending moment test;
- f) change of low temperature in cold test and change of temperature test to -25°C . If 40°C is required, the user can refer to category OP+.

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

Draft	Report on voting
86B/4500/FDIS	86B/4524/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/standardsdev/publications.

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