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Fibre optic interconnecting devices and passive components - Fibre optic connector optical interfaces for enhanced macrobend multimode fibres - Part 3-61: Connector parameters of physically contacting 50 μm core diameter fibres - Non-angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules for reference connection applications

Dispositifs d'interconnexion et composants passifs fibroniques - Interfaces optiques des connecteurs fibroniques pour fibres multimodales améliorées en macrocourbures - Partie 3-61: Paramètres de connexion des fibres d'un diamètre de cœur de 50 μm en contact physique - Férules cylindriques non inclinées en zircone plein de 2,5 mm et 1,25 mm de diamètre, pour les applications de connexion de référence



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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This first edition and the first edition of IEC 63267-2-2 cancel and replace the first edition of IEC 61755-6-2 published in 2018. This edition constitutes a technical revision. The document includes the following significant technical changes with respect to the previous edition:

- a) Definition of a reference grade, R_{m1} interface;
- b) Inclusion of A1-OM2b to A1-OM5b fibres;
- c) Updates to normative references;

- d) The addition of Annex A, which describes the attenuation test limits of reference grade R_{m1} connectors to grade B_m connectors;
- e) A new Annex B that describes the allowable fibre undercut.

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

Draft	Report on voting
86B/5030/FDIS	86B/5075/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.

A list of all parts in the IEC 63267-3-61 series, published under the general title *Fibre optic interconnecting devices and passive components – Fibre optic connector optical interfaces for enhanced macrobend multimode fibres*, can be found on the IEC website.

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.

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