



BSI Standards Publication

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

National foreword

This British Standard is the UK implementation of EN IEC 63267-3-61:2025. It is identical to IEC 63267-3-61:2025. It supersedes BS EN IEC 61755-6-2:2018, which will be withdrawn on 31 August 2028.

The UK participation in its preparation was entrusted to Technical Committee GEL/86/2, Fibre optic interconnecting devices and passive components.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Published by BSI Standards Limited 2025

ISBN 978 0 539 35571 0

ICS 33.180.20

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 August 2025.

Amendments/corrigenda issued since publication

Date	Text affected
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English Version

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
(IEC 63267-3-61:2025)

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 - Ferrules cylindriques non inclinées en zircone
plein de 2,5 mm et 1,25 mm de diamètre, pour les
applications de connexion de référence
(IEC 63267-3-61:2025)

Lichtwellenleiter - Verbindungselemente und passive
Bauteile - Optische Schnittstellen von Lichtwellenleiter-
Steckverbindern für verbesserte Makrobend-
Multimodefasern - Teil 3-61: Parameter von
Steckverbindern mit physikalischem Kontakt für Fasern mit
50 μm Kerndurchmesser - Nicht abgeschrägte zylindrische
Vollzirkoniumdioxid- Ferrulen mit 2,5 mm und 1,25 mm
Durchmesser für Referenzanschlussanwendung
(IEC 63267-3-61:2025)

This European Standard was approved by CENELEC on 2025-07-30. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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European foreword

The text of document 86B/5030/FDIS, future edition 1 of IEC 63267-3-61, prepared by SC 86B "Fibre optic interconnecting devices and passive components" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63267-3-61:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-08-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-08-31 document have to be withdrawn

This document supersedes EN IEC 61755-6-2:2018 and all of its amendments and corrigenda (if any).

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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 63267-3-61:2025 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 61300-3-47	NOTE	Approved as EN 61300-3-47
IEC 61754 (series)	NOTE	Approved as EN 61754 (series)
IEC 63267-2-1	NOTE	Approved as EN IEC 63267-2-1
IEC 63267-2-2	NOTE	Approved as EN IEC 63267-2-2

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60793-2-10	-	Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres	EN IEC 60793-2-10	-
IEC 61300-3-4	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-4: Examinations and measurements - Attenuation	EN IEC 61300-3-4	-
IEC 61300-3-42	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-42: Examinations and measurements - Attenuation of single mode alignment sleeves and or adaptors with resilient alignment sleeves	EN 61300-3-42	-
IEC 63267-1	-	Fibre optic interconnecting devices and passive components - Fibre optic connector optical interfaces - Part 1: Enhanced macro bend loss multimode 50 µm core diameter fibres - General and guidance	EN IEC 63267-1	-

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