



BSI Standards Publication

Fibre optic interconnecting devices and passive components — Connector optical interfaces for enhanced macro bend multimode fibres

Part 2-1: Connection parameters of physically contacting 50 μm core diameter fibres — Non-angled

National foreword

This British Standard is the UK implementation of EN IEC 63267-2-1:2024. It is identical to IEC 63267-2-1:2024.

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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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Fibre optic interconnecting devices and passive components -
Connector optical interfaces for enhanced macro bend
multimode fibres - Part 2-1: Connection parameters of physically
contacting 50 μm core diameter fibres - Non-angled
(IEC 63267-2-1:2024)

Dispositifs d'interconnexion et composants passifs
fibroniques - Interfaces optiques de connecteurs pour fibres
multimodales améliorées en macrocourbures - Partie 2-1 :
Paramètres de connexion des fibres d'un diamètre de cœur
de 50 μm en contact physique - Sans angle
(IEC 63267-2-1:2024)

Lichtwellenleiter-Verbindungselemente und passive
Bauelemente - Optische Schnittstellen für
Mehrmodenfasern mit verbesserter Makrobiegung - Teil 2-1:
Verbindungsparameter von physikalisch kontaktierenden
Fasern mit einem Kerndurchmesser von 50 μm - Nicht
gewinkelt
(IEC 63267-2-1:2024)

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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/4858/FDIS, future edition 1 of IEC 63267-2-1, 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 63267-2-1:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2025-01-19 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2027-04-19 document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 63267-2-1:2024 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 60793-2-10 NOTE Approved as EN IEC 60793-2-10

IEC 61280-4-1 NOTE Approved as EN IEC 61280-4-1

IEC 61300-1 NOTE Approved as EN IEC 61300-1

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 61300-3-6	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-6: Examinations and measurements - Return loss	EN 61300-3-6	-
IEC 61300-3-34	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-34: Examinations and measurements - Attenuation of random mated connectors	EN 61300-3-34	-
IEC 61300-3-35	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Visual inspection of fibre optic connectors and fibre-stub transceivers	EN IEC 61300-3-35	-
IEC 61300-3-45	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-45: Examinations and measurements - Attenuation of random mated multi-fibre connectors	EN IEC 61300-3-45	-
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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