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**Optični spojni elementi in pasivne komponente - Vmesniki optičnih konektorjev za izboljšana mnogorodovna optična vlakna zaradi upogibanja - 2-1. del: Parametri konektorjev s fizičnim stikom za vlakna s premerom jedra 50 µm - Nepoševno (IEC 63267-2-1:2024)**

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)

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

**Ta slovenski standard je istoveten z: EN IEC 63267-2-1:2024**

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**ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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**SIST EN IEC 63267-2-1:2024**

**en**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 63267-2-1**

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ICS 33.180.20

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  
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Dispositifs d'interconnexion et composants passifs  
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de 50 µm en contact physique - Sans angle  
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Lichtwellenleiter-Verbindungselemente und passive  
Bauelemente - Optische Schnittstellen für  
Mehrmodenfasern mit verbesserte 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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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

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## EN IEC 63267-2-1:2024 (E)

### 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

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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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](http://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	-

