

Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 6-2:  
**Connection of 50  $\mu\text{m}$  core diameter multimode**  
physically contacting fibres - Non-angled for reference  
connector application, at wavelength of 850 nm using  
selected A1a fibre only

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 61755-6-2:2018 sisaldab Euroopa standardi EN IEC 61755-6-2:2018 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 61755-6-2:2018 consists of the English text of the European standard EN IEC 61755-6-2:2018.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 24.08.2018.	Date of Availability of the European standard is 24.08.2018.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee).

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## English Version

**Fibre optic interconnecting devices and passive components -  
Connector optical interfaces - Part 6-2: Connection of 50  $\mu\text{m}$   
core diameter multimode physically contacting fibres - Non-  
angled for reference connector application, at wavelength of 850  
nm using selected A1a fibre only  
(IEC 61755-6-2:2018)**

Dispositifs d'interconnexion et composants passifs  
fibroniques - Interfaces optiques de connecteurs - Partie 6-  
2: Connexion de fibres multimodales en contact physique  
d'un diamètre de cœur de 50  $\mu\text{m}$  - Connecteurs de  
référence sans angle, à une longueur d'onde de 850 nm et  
en utilisant uniquement les fibres A1a choisies  
(IEC 61755-6-2:2018)

Lichtwellenleiter - Verbindungselemente und passive  
Bauteile - Optische Schnittstellen von Lichtwellenleiter-  
Steckverbindern - Teil 6-2: Verbindung von nicht  
abgeschrägten Mehrmodenfasern mit 50  $\mu\text{m}$   
Kerndurchmesser mit physikalischem Kontakt zum Einsatz  
in Referenz Steckverbinder Anwendungen bei einer  
Wellenlänge von 850nm unter Verwendung von  
herkömmlichen biegeempfindlichen Fasern  
(IEC 61755-6-2:2018)

This European Standard was approved by CENELEC on 2018-07-26. 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  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## European foreword

The text of document 86B/4124/FDIS, future edition 1 of IEC 61755-6-2, 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 61755-6-2:2018.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2019-04-26
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-07-26

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## Endorsement notice

The text of the International Standard IEC 61755-6-2:2018 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 standards indicated:

IEC 61300-1	NOTE	Harmonized as EN 61300-1
IEC 61300-3-42	NOTE	Harmonized as EN 61300-3-42
IEC 61755-3 series	NOTE	Harmonized as EN 61755-3 series
IEC 62614	NOTE	Harmonized as EN 62614

## 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.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60793-2-10	2015	Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres	EN 60793-2-10	2016
IEC 61300-3-4	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 3-4: Examinations and measurements - Attenuation	EN 61300-3-4	-

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING  
DEVICES AND PASSIVE COMPONENTS –  
CONNECTOR OPTICAL INTERFACES –****Part 6-2: Connection of 50  $\mu\text{m}$  core  
diameter multimode physically contacting fibres –  
Non-angled for reference connector application,  
at wavelength of 850 nm using selected A1a fibre only**

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International Standard IEC 61755-6-2 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

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

FDIS	Report on voting
86B/4124/FDIS	86B/4128/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 61755 series, published under the general title *Fibre optic interconnecting devices and passive components – Connector optical interfaces*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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