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**Optični spojni elementi in pasivne komponente - Vmesniki optičnih konektorjev - 3-10. del: Parametri konektorjev za enorodovna vlakna z nepremaknjeno disperzijo, fizično stičnih, nekotnih, brez tulke, s poravnanimi izvrtinami (IEC 61755-3-10:2016)**

Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-10: Connector parameters of non-dispersion shifted single mode physically contacting fibres - Non-angled, ferrule-less, bore alignment connectors (IEC 61755-3-10:2016)

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**Ta slovenski standard je istoveten z: EN 61755-3-10:2017**

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**ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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EUROPEAN STANDARD

**EN 61755-3-10**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2017

ICS 33.180.20

English Version

**Fibre optic interconnecting devices and passive components -  
Connector optical interfaces - Part 3-10: Connector parameters  
of non-dispersion shifted single mode physically contacting fibres  
- Non-angled, ferrule-less, bore alignment connectors  
(IEC 61755-3-10:2016)**

Dispositifs d'interconnexion et composants passifs  
fibroniques - Interfaces optiques de connecteurs pour fibres  
optiques - Partie 3-10: Paramètres des connecteurs pour  
fibres unimodales à dispersion non décalée, en contact  
physique - sans angle, sans férule, à alignement à alésage  
(IEC 61755-3-10:2016)

Lichtwellenleiter - Verbindungselemente und passive  
Bauteile - Optische Schnittstellen für Lichtwellenleiter-  
Steckverbinder - Teil 3-10: Parameter von Steckverbindern  
mit nicht-dispersionsverschobenen Einmodenfasern mit  
physikalischem Kontakt - Nicht abgeschrägte  
Steckverbinder ohne Ferrule mit Ausrichtungsbohrung  
(IEC 61755-3-10:2016)

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN 61755-3-10:2017****European foreword**

The text of document 86B/3990A/CDV, future edition 1 of IEC 61755-3-10, 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 61755-3-10:2017.

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) 2017-10-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-01-12

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

IEC 60793-2-50:2015	NOTE	Harmonized as EN 60793-2-50:2016 (not modified).
IEC 61754 Series	NOTE	Harmonized as EN 61754 Series.
IEC 61755-1	NOTE	Harmonized as EN 61755-1.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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 61753-1	-	Fibre optic interconnecting devices and passive components performance standard - Part 1: General and guidance for performance standards	EN 61753-1	-
IEC 61755-2-1	2006	Fibre optic connector optical interfaces - Part 2-1: Optical interface standard single mode non-angled physically contacting fibres	EN 61755-2-1	2006

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IEC 61755-3-10

Edition 1.0 2016-12

# INTERNATIONAL STANDARD

**Fibre optic interconnecting devices and passive components – Connector optical interfaces –  
Part 3-10: Connector parameters of non-dispersion shifted single mode physically contacting fibres – Non-angled, ferrule-less, bore alignment connectors**

<https://standards.iteh.ai/catalog/standards/sist/95ad1b4a-7464-480c-bf3d-b1fd9d3a1e9/sist-en-61755-3-10-2017>

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – CONNECTOR OPTICAL INTERFACES –****Part 3-10: Connector parameters of non-dispersion shifted single mode physically contacting fibres – Non-angled, ferrule-less, bore alignment connectors**

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International Standard IEC 61755-3-10 has been prepared by sub-committee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

The text of this standard is based on the following documents:

CDV	Report on voting
86B/3990A/CDV	86B/4032/RVC

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.