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**Optični spojni elementi in pasivne komponente - Tehnični standard - 1. del:  
Splošno in navodila - Dopolnilo A1 (IEC 61753-1:2018/A1:2020)**

Fibre optic interconnecting devices and passive components - Performance standard -  
Part 1: General and guidance (IEC 61753-1:2018/A1:2020)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Betriebsverhalten - Teil 1:  
Allgemeines und Leitfaden (IEC 61753-1:2018/A1:2020)

Dispositifs d'interconnexion et composants passifs fibroniques - Norme de performance -  
Partie 1 : Généralités et recommandations (IEC 61753-1:2018/A1:2020)

[SIST EN IEC 61753-1:2019/A1:2020](https://standards.iteh.ai/catalog/standards/sist/b4f3ec4e-f7fc-4a02-9c47-f87c625da10d/sist-en-iec-61753-1-2019/a1-2020)

[https://standards.iteh.ai/catalog/standards/sist/b4f3ec4e-f7fc-4a02-9c47-](https://standards.iteh.ai/catalog/standards/sist/b4f3ec4e-f7fc-4a02-9c47-f87c625da10d/sist-en-iec-61753-1-2019/a1-2020)

**Ta slovenski standard je istoveten z: EN IEC 61753-1:2018/A1:2020**

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**ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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**SIST EN IEC 61753-1:2019/A1:2020**      **en**

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SIST EN IEC 61753-1:2019/A1:2020

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EUROPEAN STANDARD

EN IEC 61753-1:2018/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2020

ICS 33.180.20

English Version

Fibre optic interconnecting devices and passive components -  
Performance standard - Part 1: General and guidance  
(IEC 61753-1:2018/A1:2020)

Dispositifs d'interconnexion et composants passifs  
fibroniques - Norme de performance - Partie 1 : Généralités  
et recommandations  
(IEC 61753-1:2018/A1:2020)

Lichtwellenleiter - Verbindungselemente und passive  
Bauteile - Betriebsverhalten - Teil 1: Allgemeines und  
Leitfaden  
(IEC 61753-1:2018/A1:2020)

This amendment A1 modifies the European Standard EN IEC 61753-1:2018; it was approved by CENELEC on 2020-07-29. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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.

**(standards.iteh.ai)**

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

[SIST EN IEC 61753-1:2019/A1:2020](https://standards.iteh.ai/catalog/standards/sist/b4f3ec4e-f7fc-4a02-9c47-6923c9a69629/iec-61753-1-2018-a1-2020)

[https://standards.iteh.ai/catalog/standards/sist/b4f3ec4e-f7fc-4a02-9c47-](https://standards.iteh.ai/catalog/standards/sist/b4f3ec4e-f7fc-4a02-9c47-6923c9a69629/iec-61753-1-2018-a1-2020)

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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

**EN IEC 61753-1:2018/A1:2020 (E)****European foreword**

The text of document 86B/4253/CDV, future IEC 61753-1/A1, 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 61753-1:2018/A1:2020.

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) 2021-04-29
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-07-29

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.

**Endorsement notice**

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The text of the International Standard IEC 61753-1:2018/A1:2020 was approved by CENELEC as a European Standard without any modification.

**SIST EN IEC 61753-1:2019/A1:2020**  
<https://standards.iteh.ai/catalog/standards/sist/b4f3ec4e-f7fc-4a02-9c47-fb7e625da10d/sist-en-iec-61753-1-2019-a1-2020>



IEC 61753-1

Edition 2.0 2020-06

# INTERNATIONAL STANDARD

AMENDMENT 1

**Fibre optic interconnecting devices and passive components – Performance  
standard –  
Part 1: General and guidance**

**STANDARD PREVIEW**  
**(standards.iteh.ai)**  
SIST EN IEC 61753-1:2019/A1:2020  
<https://standards.iteh.ai/catalog/standards/sist/b4f3ec4e-f7fc-4a02-9c47-fb7e625da10d/sist-en-iec-61753-1-2019-a1-2020>

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

ICS 33.180.20

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**Warning! Make sure that you obtained this publication from an authorized distributor.**

## FOREWORD

This amendment has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

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

CDV	Report on voting
86B/4253/CDV	86B/4288A/RVC

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

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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

## iTeh STANDARD PREVIEW

### Annex B – Performance standard numbering (standards.iteh.ai)

Replace the existing annex by the following new annex:

[SIST EN IEC 61753-1:2019/A1:2020](#)

<https://standards.iteh.ai/catalog/standards/sist/b4f3ec4e-f7fc-4a02-9c47-fb7e625da10d/sist-en-iec-61753-1-2019-a1-2020>

**Annex B**  
**(normative)****Performance standard numbering**

The numbering of performance standards shall take the form IEC 61753-xxx-yy. Where xxx defines the component type. The third x is used to categorize the variants of the component (e.g. pigtailed version, wavelength ranges or other). And yy defines the environmental category.

The numbering scheme for fibre optic interconnecting devices and passive components is as follows:

xxx = 02x Connectors	yy = 02 Category C
xxx = 03x Branching devices	yy = 03 Category OP
xxx = 04x Filters	yy = 04 Category I
xxx = 05x Passive optical power control devices	yy = 05 Category E
xxx = 06x Isolators	yy = 06 Category OP+
xxx = 07x Switches	yy = 07 Category A
xxx = 08x WDM	yy = 08 Category G
xxx = 09x Circulators	yy = 09 Category S
xxx = 10x Fibre management systems	yy = 10 Category C <sup>HD</sup>
xxx = 11x Closures	yy = 11 Category OP <sup>HD</sup>
xxx = 12x Simplex and duplex cords	yy = 12 Category I <sup>HD</sup>
xxx = 13x Fibre splice	yy = 13 Category OP+ <sup>HD</sup>
xxx = 14x Dispersion compensator	
xxx = 32x Connectors	
xxx = 33x Branching devices	
xxx = 34x Filters	
xxx = 35x Passive optical power control devices	
xxx = 36x Isolators	
xxx = 37x Switches	
xxx = 38x WDM	
xxx = 39x Circulators	
xxx = 40x Fibre management systems	
xxx = 41x Closures	
xxx = 42x Patch cords	
xxx = 43x Mechanical fibre splice	
xxx = 44x Dispersion compensator	

**Examples:**

- IEC 61753-031-03 refers to a performance standard written for fibre optic branching devices which are designed to operate in an outdoor but protected environment.
- IEC 61753-021-02 refers to a performance standard written for connectors terminated onto single-mode fibre which are designed to operate in an indoor controlled environment.