BS EN IEC 61753-131-03:2021

BSI Standards Publication

Fibre optic interconnecting devices and passive components — Performance standard

Part 131-03: Single-mode mechanical fibre splice for category OP — Outdoor protected environment

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Full document details: BS EN IEC 61753-131-03:2021

National foreword

This British Standard is the UK implementation of EN IEC 61753-131-03:2021. It is identical to IEC 61753-131-03:2021. It supersedes BS EN 61753-131-3:2011, which will be withdrawn on 6 June 2022.

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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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61753-131-03

November 2021

ICS 33.180.20

Supersedes EN 61753-131-3:2011 and all of its amendments and corrigenda (if any)

English Version

Fibre optic interconnecting devices and passive components - Performance standard - Part 131-03: Single-mode mechanical fibre splice for category OP - Outdoor protected environment (IEC 61753-131-03:2021)

Dispositifs d'interconnexion et composants passifs fibroniques - Norme de performance - Partie 131-03: Épissure mécanique de fibres unimodales pour catégorie OP - Environnement extérieur protégé (IEC 61753-131-03:2021)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Betriebsverhalten - Teil 131-3: Mechanische Spleiße für Einmoden- Lichtwellenleiter für die Kategorie OP - Freiluft, geschützte Umgebung (IEC 61753-131-03:2021)

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European Committee for Electrotechnical Standardization
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European foreword

The text of document 86B/4500/FDIS, future edition 1 of IEC 61753-131-03, 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 61753-131-03:2021.

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) 2022–08–08
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022–11–08

This document supersedes EN 61753-131-3:2011 and all of its amendments and corrigenda (if any).

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.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 61753-131-03:2021 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 60721-3-1 NOTE Harmonized as EN IEC 60721-3-1

IEC 60721-3-2 NOTE Harmonized as EN IEC 60721-3-2

IEC 62005 (series) NOTE Harmonized as EN IEC 62005 (series)

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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.

Publication	Year	Title	EN/HD	Year
IEC 60068-2-10	-	Environmental testing - Part 2–10: Tests - Test J and guidance: Mould growth	EN 60068-2-10	-
IEC 60793-2-50	-	Optical fibres - Part 2–50: Product specifications - Sectional specification for class B single-mode fibres	EN IEC 60793-2-50	-
IEC 61073-1	-	Fibre optic interconnecting devices and passive components - Mechanical splices and fusion splice protectors for optical fibres and cables - Part 1: Generic specification	EN 61073-1	-
IEC 61300	series	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures	EN 61300	series
IEC 61300-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance	EN 61300-1	-
IEC 61300-2-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2–1: Tests - Vibration (sinusoidal)	EN 61300-2-1	-
IEC 61300-2-4	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2–4: Tests - Fibre or cable retention	EN IEC 61300-2-4	-
IEC 61300-2-5	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2–5: Tests - Torsion	EN 61300-2-5	-
IEC 61300-2-7	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2–7: Tests - Bending moment	EN 61300-2-7	-

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IEC 61300-2-9	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2–9: Tests - Shock	EN 61300-2-9	-
IEC 61300-2-17	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2–17: Tests - Cold	EN 61300-2-17	-
IEC 61300-2-18	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2–18: Tests - Dry heat - High temperature endurance	EN 61300-2-18	-
IEC 61300-2-22	-	Fibre optic interconnecting devices and- passive components - Basic test and measurement procedures - Part 2–22: Tests - Change of temperature		-
IEC 61300-2-26	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2–26: Tests - Salt mist	EN 61300-2-26	-
IEC 61300-2-27	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2–27: Tests - Dust - Laminar flow	EN 61300-2-27	-
IEC 61300-2-33	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2–33: Tests - Assembly and disassembly of fibre optic mechanical splices, fibre management systems and closures	EN 61300-2-33	-
IEC 61300-2-46	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2–46: Tests - Damp heat, cyclic	EN IEC 61300-2-46	-
IEC 61300-3-3	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3–3: Examinations and measurements - Active monitoring of changes in attenuation and return loss	EN 61300-3-3	-
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	-
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	-

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IEC 61300-3-7	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3–7: Examinations and measurements - Wavelength dependence of attenuation and return loss of single mode components	EN IEC 61300-3-7 -
IEC 61300-3-28	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3–28: Examinations and measurements - Transient loss	EN 61300-3-28 -
IEC 61753-1	-	Fibre optic interconnecting devices and passive components - Performance standard - Part 1: General and guidance	EN IEC 61753-1 -
IEC 61756-1	-	Fibre optic interconnecting devices and passive components - Interface standard for fibre management systems - Part 1: General and guidance	EN IEC 61756-1 -

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