

SLOVENSKI STANDARD SIST EN IEC 61753-131-03:2022

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SIST EN 61753-131-3:2011

Optični spojni elementi in pasivne komponente - Izvedbeni standard - 131-03. del: Enorodovna mehanska optična spojnica za kategorijo OP - Zunanje zaščiteno okolje (IEC 61753-131-03:2021)

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) iTeh STANDARD PREVIEW

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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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)

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN IEC 61753-131-03

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

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.

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- latest date by which the national standards conflicting with the (dow) 2022–11–08 document have to be withdrawn

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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)

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	<u>Year</u>	Title	EN/HD	Year
IEC 60068-2-10	-	Environmental testing - Part 2–10: Te Test J and guidance: Mould growth	sts -EN 60068-2-10	-
IEC 60793-2-50	iT	Optical fibres - Part 2–50: Pro specifications - Sectional specification class B single-mode fibres)-
IEC 61073-1	https://sta	Fibre optic linterconnecting devices passive components - Mechanical sp and fusion splice protectors, for optibres and cables - Part, 1: Ger specification control of the c	lices otical peric _{a Control}	-
IEC 61300	series	Fibre optic interconnecting devices passive components - Basic test measurement procedures	andEN 61300	series
IEC 61300-1	-	Fibre optic interconnecting devices passive components - Basic test measurement procedures - Part 1: Ger and guidance	and	-
IEC 61300-2-1	-	Fibre optic interconnecting devices passive components - Basic test measurement procedures - Part 2–1: T - Vibration (sinusoidal)	and	-
IEC 61300-2-4	-	Fibre optic interconnecting devices passive components - Basic test measurement procedures - Part 2–4: T - Fibre or cable retention	and	-
IEC 61300-2-5	-	Fibre optic interconnecting devices passive components - Basic test measurement procedures - Part 2–5: T - Torsion	and	-
IEC 61300-2-7	-	Fibre optic interconnecting devices passive components - Basic test measurement procedures - Part 2–7: T - Bending moment	and	-

IEC 61300-2-9	-	Fibre optic interconnecting devices and EN 61300-2-9 - passive components - Basic test and measurement procedures - Part 2–9: Tests - Shock
IEC 61300-2-17	-	Fibre optic interconnecting devices and EN 61300-2-17 - passive components - Basic test and measurement procedures - Part 2–17: Tests - Cold
IEC 61300-2-18	-	Fibre optic interconnecting devices and EN 61300-2-18 - passive components - Basic test and measurement procedures - Part 2–18: Tests - Dry heat - High temperature endurance
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 andEN 61300-2-26 - passive components - Basic test and measurement procedures - Part 2–26: Tests - Salt mist
IEC 61300-2-27	iT	Fibre optic interconnecting devices and EN 61300-2-27 - passive components - Basic test and measurement procedures Part 2-27: Variety - Dust - Laminar flow
IEC 61300-2-33	https://sta	Fibre optic interconnecting devices and EN 61300-2-33 - passive components - Basic test and measurement procedures - Part 2–33: Tests - Assembly and disassembly of fibre optic mechanical splices, deal fibre management systems and closures
IEC 61300-2-46	-	Fibre optic interconnecting devices and EN IEC 61300-2-46 - passive components - Basic test and measurement procedures - Part 2–46: Tests - Damp heat, cyclic
IEC 61300-3-3	-	Fibre optic interconnecting devices and EN 61300-3-3 - passive components - Basic test and measurement procedures - Part 3–3: Examinations and measurements - Active monitoring of changes in attenuation and return loss
IEC 61300-3-4	-	Fibre optic interconnecting devices and EN 61300-3-4 - passive components - Basic test and measurement procedures - Part 3–4: Examinations and measurements - Attenuation
IEC 61300-3-6	-	Fibre optic interconnecting devices and EN 61300-3-6 - passive components - Basic test and measurement procedures - Part 3–6: Examinations and measurements - Return loss

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

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NORME INTERNATIONALE

Fibre optic interconnecting devices and passive components – Performance standard –

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

SIST EN IEC 61753-131-03:2022

https://standards.iteh.ai/catalog/standards/sist/43da521d-a16a-436e-bb12-

Dispositifs d'interconnexion et composants passifs fibroniques – Norme de performance –

Partie 131-03: Épissure mécanique de fibres unimodales pour catégorie OP – Environnement extérieur protégé

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – PERFORMANCE STANDARD –

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

FOREWORD

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IEC 61753-131-03 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics. It is an International Standard.

This first edition cancels and replaces IEC 61753-131-3 first edition published in 2010. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) addition of definitions;
- b) addition of IEC 60068-2-10 mould growth test and test severities for materials;
- c) replacement of the IEC 61753-1:2007 category U tests and test severities by the IEC 61753-1:2018 category OP tests;