SLOVENSKI STANDARD
SIST EN 61753-087-2:2011

01-junij-2011

Tehnični standard za optične spojne elemente in pasivne komponente - 087-2. del: Naprave brez konektorjev za širokopasovni valovni multipleks (WWDM) za enorodni dvosmerni 1310 nm navzgornji in 1490 nm navzdolnji prenos za kategorijo C - Nadzorovano okolje (IEC 61753-087-2:2010)

Fibre optic interconnecting devices and passive components performance standard - Part 087-2: Non-connectorised single-mode bidirectional 1310 nm upstream and 1490 nm downstream WWDM devices for category C - Controlled environment (IEC 61753-087-2:2010)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Betriebsverhalten - Teil 087-2: Nicht mir Steckern versehene bidirektionale 1310-nm-downstream-1490-nm-upstream-Einmoden-WWDM-Bauteile für die Kategorie C - Kontrollierte Umgebung (IEC 61753-087-2:2010)

Dispositifs d'interconnexion et composants passifs à fibres optiques - Norme de performance - Partie 087-2: Dispositifs WWDM unimodaux non connectorisés bidirectionnels 1 310 nm en voie montante et 1 490 nm en voie descendante et pour la catégorie C - Environnement contrôlé (CEI 61753-087-2:2010)

Ta slovenski standard je istoveten z: **EN 61753-087-2:2011**

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33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices

SIST EN 61753-087-2:2011 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61753-087-2

March 2011

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English version

Fibre optic interconnecting devices and passive components - Performance standard - Part 087-2: Non-connectorized single-mode bidirectional 1310 nm upstream and 1490 nm downstream WWDM devices for category C - Controlled environment

(IEC 61753-087-2:2010)

Dispositifs d'interconnexion et composants passifs à fibres optiques - Norme de performance - Partie 087-2: Dispositifs WWDM unimodaux non connectorisés bidirectionnels 1 310 nm en voie montante et 1 490 nm en voie descendante et pour la catégorie C - Environnement contrôlé (CEI 61753-087-2:2010)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Betriebsverhalten - Teil 087-2: Nicht mit Steckverbindern versehene bidirektionale 1 310-nm-upstream-1 490-nm-downstream-Einmoden-WWDM-Bauteile für die Kategorie C - Kontrollierte Umgebung (IEC 61753-087-2:2010)

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CENELEC

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

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Foreword

The text of document 86B/3095/FDIS, future edition 1 of IEC 61753-087-2, 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 was approved by CENELEC as EN 61753-087-2 on 2011-01-13.

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The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2011-10-13
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2014-01-13

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61753-087-2:2010 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 61300-2-48	NOTE	Harmonized as EN 61300-2-48.
IEC 62074-1	NOTE	Harmonized as EN 62074-1.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60793-2-50	-	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	-
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/cable retention	EN 61300-2-4	-
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 61300-2-14	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-14: Tests - Optical power handling and damage threshold characterization	EN 61300-2-14	-
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 61300-2-19	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-19: Tests - Damp heat (steady state)	EN 61300-2-19	-
IEC 61300-2-22	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-22: Tests - Change of temperature	EN 61300-2-22	-

Publication	Year	Title	EN/HD	Year
IEC 61300-2-42	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-42: Tests - Static side load for connectors	EN 61300-2-42	-
IEC 61300-2-44	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-44: Tests - Flexing of the strain relief of fibre optic devices	EN 61300-2-44	-
IEC 61300-3-2	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-2: Examinations and measurements - Polarization dependent loss in a single-mode fibre optic device	EN 61300-3-2	-
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	-
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 61300-3-7	-
IEC 61300-3-20	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-20: Examinations and measurements - Directivity of fibre optic branching devices	EN 61300-3-20	-
IEC 61753-1	2007	Fibre optic interconnecting devices and passive components performance standard - Part 1: General and guidance for performance standards	EN 61753-1	2007

IEC 61753-087-2

Edition 1.0 2010-12

INTERNATIONAL STANDARD

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FOREWORD

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International Standard IEC 61753-087-2 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

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

FDIS	Report on voting
86B/3095/FDIS	86B/3133/RVD

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