SLOVENSKI STANDARD

SIST EN 61753-084-2:2008

01-april-2008

Tehniļ ni standard za optiļ ne spojne elemente in pasivne komponente - 084-2. del: Naprave za WWDM (ġirokopasovni valovni multipleks) 980/1550 nm z enorodnimi optiļ nimi vlakni brez konektorjev za kategorijo C - Nadzorovano okolje (IEC 61753-084-2:2007)

Fibre optic interconnecting devices and passive components performance standard - Part 084-2: Non connectorised single-mode 980/1550 nm WWDM devices for category C - Controlled environment (IEC 61753-084-2:2007)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Betriebsverhalten - Teil 084-2: Nicht mit Steckern versehene Einmoden-980/1550 nm-WWDM-Bauteile für die Kategorie C - Kontrollierte Umgebung (IEC 61753-084-2:2007)

Norme de qualité de fonctionnement des dispositifs d'interconnexion et composants passifs à fibres optiques - Partie 084-2: Dispositifs WWDM 980/1550 nm unimodaux non connectorisés pour catégorie C - Environnement contrôlé (CEI 61753-084-2:2007)

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61753-084-2

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Fibre optic interconnecting devices and passive components performance standard - Part 084-2: Non connectorised single-mode 980/1550 nm WWDM devices for category C - Controlled environment

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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Foreword

The text of document 86B/2448/FDIS, future edition 1 of IEC 61753-084-2, 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 61753-084-2 on 2008-02-01.

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)	2008-11-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2011-02-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61753-084-2:2007 was approved by CENELEC as a European Standard without any modification.

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	-[1)]	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50 + corr. July	2004[2)] 2004
IEC 61300-2-1	-[1)]	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-1: Tests - Vibration (sinusoidal)	EN 61300-2-1	2003[2)]
IEC 61300-2-4	-[1)]	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-4: Tests - Fibre/cable retention	EN 61300-2-4	1997[2)]
IEC 61300-2-5	-[1)]	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-5: Tests - Torsion/twist	EN 61300-2-5	2002[2)]
IEC 61300-2-9	-[1)]	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-9: Tests - Shock	EN 61300-2-9	1997[2)]
IEC 61300-2-14	-[1)]	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 + corr. November	2006[2)] 2006
IEC 61300-2-17	-[1)]	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-17: Tests - Cold	EN 61300-2-17	2003[2)]
IEC 61300-2-18	-[1)]	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	2005[2)]

[1)] Undated reference.

[2)] Valid edition at date of issue.

Publication	Year	Title	EN/HD	Year
IEC 61300-2-19	-[1)]	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-19: Tests - Damp heat (steady state)	EN 61300-2-19	2005[2)]
IEC 61300-2-22	-[1)]	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-22: Tests - Change of temperature	EN 61300-2-22	2007[2)]
IEC 61300-2-42	-[1)]	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	2005[2)]
IEC 61300-3-2	-[1)]	Fibre optic interconnecting devices and passive components - Basic tests and measurement procedures - Part 3-2: Examinations and measurements - Polarization dependence of attenuation in a single-mode fibre optic device	EN 61300-3-2	1999[2)]
IEC 61300-3-6	-[1)]	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-6: Examinations and measurements - Return loss	EN 61300-3-6	2003[2)]
IEC 61300-3-7	-[1)]	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	EN 61300-3-7	2001[2)]
IEC 61300-3-20	-[1)]	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 + corr. March	2001[2)] 2002
IEC 61753-1	-[1)]	Fibre optic interconnecting devices and passive components performance standard - Part 1: General and guidance for performance standards	EN 61753-1	2007[2)]

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INTERNATIONAL STANDARD

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Norme de qualité de fonctionnement des dispositifs d'interconnexion et composants passifs à fibres optiques –

Partie 084-2:
Dispositifs WWDM 980/1550 nm unimodaux non connectorisés pour catégorie C – Environnement contrôlé

Fibre optic interconnecting devices and passive components performance standard –

Part 084-2:
Non connectorised single-mode 980/1550 nm WWDM devices for category C – Controlled environment

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International Electrotechnical Commission
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS PERFORMANCE STANDARD –

Part 084-2: Non connectorised single-mode 980/1550 nm WWDM devices for category C – Controlled environment

FOREWORD

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International Standard IEC 61753-084-2 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/2448/FDIS	86B/2494/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.