
**Optični spojni elementi in pasivne komponente - Tehnični standard - 091-2. del:
Svitkasti cirkulatorji za enorodna optična vlakna za kategorijo C - Nadzorovano
okolje (IEC 61753-091-2:2012)**

Fibre optic interconnecting devices and passive components - Performance standard -
Part 091-2: Non-connectorised single-mode fibre optic pigtailed circulators for category C
- Controlled environment (IEC 61753-091-2:2012)

iTeh STANDARD PREVIEW
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Lichtwellenleiter - Verbindungselemente und passive Bauteile - Betriebsverhalten - Teil
091-2: Nicht mit Steckverbindern versehene inmoden-Lichtwellenleiter-Zirkulatoren mit
Pigtails der Kategorie C - Kontrollierte Umgebung (IEC 61753-091-2:2012)

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Dispositifs d'interconnexion et composants passifs à fibres optiques - Norme de
performance - Partie 091-2: Circulateurs à fibres optiques unimodales munis de fibres
amorces non connectées pour la catégorie C - Environnements contrôlés (CEI 61753
-091-2:2012)

Ta slovenski standard je istoveten z: EN 61753-091-2:2013

ICS:

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61753-091-2

January 2013

ICS 33.180.20

English version

**Fibre optic interconnecting devices and passive components -
Performance standard -
Part 091-2: Non-connectorized single-mode fibre optic pigtailed
circulators for category C -
Controlled environment
(IEC 61753-091-2:2012)**

Dispositifs d'interconnexion et composants
passifs à fibres optiques -
Norme de performance -
Partie 091-2: Circulateurs à fibres
optiques unimodales munis de fibres
amorces non connectorisées pour la
catégorie C -
Environnements contrôlés
(CEI 61753-091-2:2012)

Lichtwellenleiter -
Verbindungselemente und passive
Bauteile -
Betriebsverhalten -
Teil 091-2: Nicht mit Steckverbindern
versehene Einmoden-Lichtwellenleiter-
Zirkulatoren mit Pigtails der Kategorie C -
Kontrollierte Umgebung
(IEC 61753-091-2:2012)

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 86B/3364/CDV, future edition 1 of IEC 61753-091-2, 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 approved by CENELEC as EN 61753-091-2:2013.

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) 2013-08-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-11-16

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Endorsement notice

The text of the International Standard IEC 61753-091-2:2012 was approved by CENELEC as a European Standard without any modification. (standards.iteh.ai)

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61300-3-38	NOTE	Harmonized as EN 61300-3-38.
IEC 61753-1	NOTE	Harmonized as EN 61753-1.
IEC 62077	NOTE	Harmonized as EN 62077.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60793-2-50	2008	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	2008
IEC 60794-2-50	-	Optical fibre cables - Part 2-50: Indoor cables - Family specification for simplex and duplex cables for use in terminated cable assemblies	EN 60794-2-50	-
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 - High optical power	EN 61300-2-14	-
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	-
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	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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 61300-3-7	-	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 61300-3-28	-	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 61300-3-32	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-32: Examinations and measurements - Polarisation mode dispersion measurement for passive optical components	EN 61300-3-32	-

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IEC 61753-091-2

Edition 1.0 2012-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Performance standard –
Part 091-2: Non-connectorized single-mode fibre optic pigtailed circulators for category C – Controlled environments**

<https://standards.iteh.ai/catalog/standards/sist/b9b26a04-ad60-4e64-8ac7-1f61b2961e33/iec-61753-091-2>

**Dispositifs d'interconnexion et composants passifs à fibres optiques – Norme de performance –
Partie 091-2: Circulateurs à fibres optiques unimodales munis de fibres amorces non connectorisées pour la catégorie C – Environnements contrôlés**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**FIBRE OPTIC INTERCONNECTING DEVICES AND
PASSIVE COMPONENTS – PERFORMANCE STANDARD –**
**Part 091-2: Non-connectorized single-mode fibre optic
pigtailed circulators for category C – Controlled environments**

FOREWORD

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International Standard IEC 61753-091-2 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:

CDV	Report on voting
86B/3364/CDV	86B/3448/RVC

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.