



SLOVENSKI STANDARD
SIST EN IEC 62005-9-4:2019
01-januar-2019

**Optični spojni elementi in pasivne komponente - Zanesljivost - 9-4. del:
Razvrščanje pasivnih optičnih komponent visokih moči za okoljsko kategorijo C
(IEC 62005-9-4:2018)**

Fibre optic interconnecting devices and passive components - Reliability - Part 9-4: High power qualification of passive optical components for environmental category C (IEC 62005-9-4:2018)

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Ta slovenski standard je istoveten z: EN IEC 62005-9-4:2018

ICS:

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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SIST EN IEC 62005-9-4:2019 **en**

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EUROPEAN STANDARD

EN IEC 62005-9-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2018

ICS 33.180.20

English Version

Fibre optic interconnecting devices and passive components -
Reliability - Part 9-4: High power qualification of passive optical
components for environmental category C
(IEC 62005-9-4:2018)

Dispositifs d'interconnexion et composants passifs
fibroniques - Fiabilité - Partie 9-4: Qualification de
puissance élevée des composants optiques passifs pour la
catégorie environnementale C
(IEC 62005-9-4:2018)

Lichtwellenleiter - Verbindungselemente und passive
Bauteile - Zuverlässigkeit - Teil 9-4: Qualifizierung von
passiven optischen Bauteilen für Umgebungskategorie C
für den Einsatz bei hohen optischen Leistungen
(IEC 62005-9-4:2018)

This European Standard was approved by CENELEC on 2018-08-29. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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

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

EN IEC 62005-9-4:2018 (E)**European foreword**

The text of document 86B/4130/FDIS, future edition 1 of IEC 62005-9-4, 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 62005-9-4:2018.

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) 2019-05-29
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-08-29

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The text of the International Standard IEC 62005-9-4:2018 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 60825 (series)	NOTE	Harmonized as EN 60825 (series)
IEC 61291-5-2	NOTE	Harmonized as EN 61291-5-2
IEC 61300-2-48	NOTE	Harmonized as EN 61300-2-48
IEC 61300-3-2	NOTE	Harmonized as EN 61300-3-2
IEC 61300-3-6	NOTE	Harmonized as EN 61300-3-6
IEC 61300-3-7	NOTE	Harmonized as EN 61300-3-7
IEC 61300-3-20	NOTE	Harmonized as EN 61300-3-20
IEC 61753-1	NOTE	Harmonized as EN 61753-1
IEC 62074-1	NOTE	Harmonized as EN 62074-1

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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 61300-2-14-		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 61300-3-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-1: Examinations and measurements - Visual examination	EN 61300-3-1	-
IEC 61300-3-35-		Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Visual inspection of fibre optic connectors and fibre-stub transceivers	EN 61300-3-35	-
IEC 62005-9-1	-	Fibre optic interconnecting devices and passive components - Reliability - Part 9-1: Qualification of passive optical components	EN 62005-9-1	-

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IEC 62005-9-4

Edition 1.0 2018-07

INTERNATIONAL STANDARD

**Fibre optic interconnecting devices and passive components – Reliability –
Part 9-4: High power qualification of passive optical components for
environmental category C**

SIST EN IEC 62005-9-4:2019

<https://standards.iteh.ai/catalog/standards/sist/637a3033-b7c9-432a-b79d-952fedb743e4/sist-en-iec-62005-9-4-2019>

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 33.180.20

ISBN 978-2-8322-5908-5

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CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references	6
3 Terms and definitions	6
4 High power qualification tests	7
4.1 Tests	7
4.2 Sample size	9
5 Apparatus.....	9
5.1 Source (S)	9
5.2 Detector unit (D)	9
5.3 Environmental chamber	9
5.4 Data acquisition system (DAS).....	9
5.5 Temporary joints (TJ).....	9
5.6 Safety devices	10
6 Test procedure	10
6.1 Preconditioning.....	10
6.2 Damp heat and post damp heat high optical power exposure.....	10
6.2.1 Initial optical measurements	10
6.2.2 Damp heat test.....	10
6.2.3 Optical measurements following damp heat test	10
6.2.4 Post damp heat exposure to high optical power	10
6.2.5 Optical measurements following damp heat and high power exposure	10
6.3 Temperature cycling and post temperature cycling high optical power exposure.....	10
6.3.1 Initial optical measurements	10
6.3.2 Temperature cycling test	10
6.3.3 Optical measurements following temperature cycling test	11
6.3.4 Post temperature cycling exposure to high optical power	11
6.3.5 Optical measurements following temperature cycling and high power exposure	11
6.4 High power test (endurance).....	11
6.4.1 Initial optical measurements	11
6.4.2 Exposure to high optical power (endurance)	11
6.4.3 Optical measurements following exposure to high power	11
7 Failure criteria	11
8 Test report.....	11
Bibliography.....	12
Table 1 – High power reliability qualification tests for passive optical components and sample size	8

INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIBRE OPTIC INTERCONNECTING DEVICES AND
PASSIVE COMPONENTS – RELIABILITY –

**Part 9-4: High power qualification of passive optical components
for environmental category C**

FOREWORD

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International Standard IEC 62005-9-4 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components of IEC technical committee 86: Fibre optics.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
86B/4130/FDIS	86B/4136/RVD

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

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