



# SLOVENSKI STANDARD

## SIST EN 62343-3-2:2016

01-oktober-2016

---

**Dinamični moduli - 3-2. del: Predloge za tehnične specifikacije - Optični kanal za monitor (IEC 62343-3-2:2016)**

Dynamic modules - Part 3-2: Performance specification templates - Optical channel monitor (IEC 62343-3-2:2016)

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

Ta slovenski standard je istoveten z: **EN 62343-3-2:2016**  
SIST EN 62343-3-2:2016  
<https://standards.iteh.ai/catalog/standards/sist/96124397-bd8c-457d-9fb1-9695c025c319/sist-en-62343-3-2-2016>

---

**ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
-----------	---------------------------------------	-------------------------------------

**SIST EN 62343-3-2:2016**

**en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 62343-3-2:2016

<https://standards.iteh.ai/catalog/standards/sist/56124597-bdbc-457d-9fb1-9695c025c319/sist-en-62343-3-2-2016>

EUROPEAN STANDARD

**EN 62343-3-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2016

ICS 33.180.99; 33.180.01

English Version

**Dynamic modules - Part 3-2: Performance specification  
templates - Optical channel monitor  
(IEC 62343-3-2:2016)**

Dynamic modules - Part 3-2: Performance specification  
templates - Optical channel monitor  
(IEC 62343-3-2:2016)

Dynamische Module - Teil 3-2: Vorlagen für  
Leistungsspezifikationen - Optische Kanalüberwachung  
(IEC 62343-3-2:2016)

This European Standard was approved by CENELEC on 2016-06-16. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN 62343-3-2:2016****European foreword**

The text of document 86C/1324/CDV, future edition 1 of IEC 62343-3-2, prepared by SC 86C "Fibre optic systems and active devices" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62343-3-2:2016.

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) 2017-03-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-06-16

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

**Endorsement notice****iTeh STANDARD PREVIEW**

The text of the International Standard IEC 62343-3-2:2016 was approved by CENELEC as a European Standard without any modification.

[SIST EN 62343-3-2:2016](https://standards.iteh.ai/catalog/standards/sist/56124597-bdbc-457d-9fb1-9695c025c319/sist-en-62343-3-2-2016)

<https://standards.iteh.ai/catalog/standards/sist/56124597-bdbc-457d-9fb1-9695c025c319/sist-en-62343-3-2-2016>

## 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 1 When 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61280-2-9	-	Fibre optic communication subsystem test procedures -- Part 2-9: Digital systems - Optical signal-to-noise ratio measurement for dense wavelength-division multiplexed systems	EN 61280-2-9	-
IEC 61300-3-21	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-21: Examinations and measurements - Switching time	EN 61300-3-21	-
IEC 61300-3-29	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 3-29: Examinations and measurements - Spectral transfer characteristics of DWDM devices	EN 61300-3-29	-
IEC 62074-1	-	Fibre optic interconnecting devices and passive components - Fibre optic WDM devices -- Part 1: Generic specification	EN 62074-1	-
IEC 62343	-	Dynamic modules - General and guidance	EN 62343	-

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 62343-3-2:2016

<https://standards.iteh.ai/catalog/standards/sist/56124597-bdbc-457d-9fb1-9695c025c319/sist-en-62343-3-2-2016>



# INTERNATIONAL STANDARD

---

**Dynamic modules – Part 3-2: Performance specification templates – Optical channel monitor**  
**STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 62343-3-2:2016](https://standards.iteh.ai/catalog/standards/sist/56124597-bdbc-457d-9fb1-9695c025c319/sist-en-62343-3-2-2016)

<https://standards.iteh.ai/catalog/standards/sist/56124597-bdbc-457d-9fb1-9695c025c319/sist-en-62343-3-2-2016>

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

---

ICS 33.180.99, 33.180.01

ISBN 978-2-8322-3364-1

**Warning! Make sure that you obtained this publication from an authorized distributor.**

## CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references.....	6
3 Terms and definitions .....	6
4 Performance specification template.....	6
Annex A (informative) Background and additional information on this specification template .....	9
A.1 Background information on the structure of this specification template .....	9
A.1.1 Selecting “directionally correct” terminology.....	9
A.1.2 Logical sequence of parameters in Table 1 .....	9
A.1.3 Performance parameters hierarchical structure .....	10
A.2 Additional information about reference measurement bandwidth.....	10
Bibliography .....	12
Table 1 – Optical channel monitor specification template .....	7

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 62343-3-2:2016

<https://standards.iteh.ai/catalog/standards/sist/56124597-bdbc-457d-9fb1-9695c025c319/sist-en-62343-3-2-2016>



## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## DYNAMIC MODULES –

Part 3-2: Performance specification templates –  
Optical channel monitor

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.  
<https://standards.iteh.ai/catalog/standards/sist/56124597-bdbc-457d-9fb1->
- 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 62343-3-2 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

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

CDV	Report on voting
86C/1324/CDV	86C/1371/RVC

Full information on the voting for the approval of this document 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.

A list of all parts in the IEC 62343 series, published under the general title *Dynamic modules*, can be found on the IEC website.