



# SLOVENSKI STANDARD

## SIST EN 62802:2018

01-februar-2018

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**Metode za merjenje polvalovne napetosti in Chirpov parameter za Mach-Zehnderjev optični modulator v visokofrekvenčnih optičnih radijskih sistemih (RoF) (IEC 62802:2017)**

Measurement Method of a Half-Wavelength Voltage and a Chirp Parameter for Mach-Zehnder Optical Modulator in High-Frequency Radio on Fibre (RoF) Systems (IEC 62802:2017)

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**Ta slovenski standard je istoveten z: EN 62802:2017**

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**ICS:**

33.060.01	Radijske komunikacije na splošno	Radiocommunications in general
33.180.99	Druga oprema za optična vlakna	Other fibre optic equipment

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EUROPEAN STANDARD

EN 62802

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2017

ICS 33.060.20; 33.180.99

English Version

Measurement methods of a half-wavelength voltage and a chirp parameter for Mach-Zehnder optical modulators in high-frequency radio on fibre (RoF) Systems  
(IEC 62802:2017)

Méthodes de mesure d'une tension d'une demi-longueur d'onde et d'un paramètre de fluctuation de la longueur d'onde pour les modulateurs optiques du type Mach-Zehnder dans des systèmes radioélectriques sur fibre (RoF, Radio on Fibre), à haute fréquence  
(IEC 62802:2017)

Messverfahren von Halbwellenlängenspannungen und Chirp-Parameter für Optische Mach-Zehnder Modulatoren in HF-Rundfunk-über-Glasfaser-Übertragungssystemen (RoF)  
(IEC 62802:2017)

This European Standard was approved by CENELEC on 2017-08-31. 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, Serbia, 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: Rue de la Science 23, B-1040 Brussels

**EN 62802:2017****European foreword**

The text of document 103/131/CDV, future edition 1 of IEC 62802, prepared by IEC/TC 103 "Transmitting equipment for radiocommunication" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62802:2017.

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) 2018-06-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-12-01

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**Endorsement notice**

The text of the International Standard IEC 62802:2017 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 61280-2-9	NOTE	Harmonized as EN 61280-2-9.
IEC 61280-10	NOTE	Harmonized as EN 61280-10.

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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62007-1	-	Semiconductor optoelectronic devices for fibre optic system applications - Part 1: Specification template for essential ratings and characteristics	EN 62007-1	-
IEC 62007-2	-	Semiconductor optoelectronic devices for fibre optic system applications - Part 2: Measuring methods	EN 62007-2	-

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IEC 62802

Edition 1.0 2017-07

# INTERNATIONAL STANDARD



**Measurement methods of a half-wavelength voltage and a chirp parameter for Mach-Zehnder optical modulators in high-frequency radio on fibre (RoF) systems**

SIST EN 62802:2018

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INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

ICS 33.060.20; 33.180.99

ISBN 978-2-8322-4609-2

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MEASUREMENT METHODS OF A HALF-WAVELENGTH VOLTAGE  
AND A CHIRP PARAMETER FOR MACH-ZEHNDER OPTICAL MODULATORS  
IN HIGH-FREQUENCY RADIO ON FIBRE (ROF) SYSTEMS**

## FOREWORD

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International Standard IEC 62802 has been prepared by IEC technical committee 103: Transmitting equipment for radiocommunication.

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

CDV	Report on voting
103/131/CDV	103/161/RVC

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.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
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