



SLOVENSKI STANDARD

SIST EN 61280-1-1:2013

01-oktober-2013

Nadomešča:

SIST EN 61280-1-1:1999

**Osnovni preskusni postopki za optične komunikacijske podsisteme - 1-1. del:
Preskusni postopki za splošne komunikacijske podsisteme - Meritev optične moči
na izhodu oddajnika za enorodni optični kabel**

Fibre optic communication subsystem basic test procedures - Part 1-1: Test procedures for general communication subsystems - Transmitter output optical power measurement for single-mode optical fibre cable

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Procédures d'essai de base des sous-systèmes de télécommunication à fibres optiques -
Partie 1-1: Procédures d'essai des sous-systèmes généraux de télécommunication -
Mesure de la puissance optique des émetteurs couplés à des câbles à fibres optiques
unimodales

Ta slovenski standard je istoveten z: EN 61280-1-1:2013

ICS:

33.180.01	Sistemi z optičnimi vlakni na splošno	Fibre optic systems in general
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61280-1-1

August 2013

ICS 33.180.01

Supersedes EN 61280-1-1:1998

English version

**Fibre optic communication subsystem basic test procedures -
Part 1-1: Test procedures for general communication subsystems -
Transmitter output optical power measurement
for single-mode optical fibre cable
(IEC 61280-1-1:2013)**

Procédures d'essai de base des sous-
systèmes de télécommunication à fibres
optiques -
Partie 1-1: Procédures d'essai des sous-
systèmes généraux de télécommunication
- Mesure de la puissance optique des
émetteurs couplés à des câbles à fibres
optiques unimodales
(CEI 61280-1-1:2013)

Lichtwellenleiter-
Kommunikationsunterssysteme -
Grundlegende Prüfverfahren -
Teil 1-1: Prüfverfahren für allgemeine
Kommunikationsunterssysteme -
Messung der Senderausgangsleistung für
Einmoden-LWL-Kabel
(IEC 61280-1-1:2013)

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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

Foreword

The text of document 86C/1065/CDV, future edition 2 of IEC 61280-1-1, 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 61280-1-1:2013.

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) 2014-03-25
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-06-25

This document supersedes EN 61280-1-1:1998.

EN 61280-1-1:2013 includes the following significant technical changes with respect to EN 61280-1-1:1998:

- inclusion of Annex A on how to account for uncertainties;
- editorial corrections throughout the document and updates to references.

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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 61300-3-35	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Fibre optic connector endface visual and automated inspection	EN 61300-3-35	-
IEC 61315	-	Calibration of fibre-optic power meters	EN 61315	-

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INTERNATIONAL STANDARD

**Fibre optic communication subsystem basic test procedures –
Part 1-1: Test procedures for general communication subsystems – Transmitter
output optical power measurement for single-mode optical fibre cable**

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ELECTROTECHNICAL
COMMISSION

PRICE CODE

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ICS 33.180.01

ISBN 978-2-83220-803-8

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC COMMUNICATION SUBSYSTEM
BASIC TEST PROCEDURES –****Part 1-1: Test procedures for general communication subsystems –
Transmitter output optical power measurement
for single-mode optical fibre cable**

FOREWORD

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International Standard IEC 61280-1-1 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 1998. This second edition constitutes a technical revision. The significant technical change with respect to the previous edition is the inclusion of Annex A on how to account for uncertainties. There are editorial corrections throughout the document and updates to references.