SLOVENSKI STANDARD
SIST EN IEC 61726:2022

01-november-2022

Nadomešča:
SIST EN 61726:2016

Kabelski sestavi, kabli, konektorji in pasivne mikrovalovne komponente - Meritve zaslonskega slabljenja z metodo odmevne komore (IEC 61726:2022)

Cable assemblies, cables, connectors and passive microwave components - Screening attenuation measurement by the reverberation chamber method (IEC 61726:2022)

Konfektionierte Kabel, Kabel, Steckverbinder und passive Mikrowellenbauteile - Messung der Schirmdämpfung mit dem Strahlungskammerverfahren (IEC 61726:2022)

Câbles, cordons, connecteurs et composants hyperfréquence passifs - Mesure de l'affaiblissement d'écran par la méthode de la chambre réverbérante (IEC 61726:2022)

Ta slovenski standard je istoveten z: **EN IEC 61726:2022**

ICS:

33.120.10	Koaksialni kabli. Valovodi	Coaxial cables. Waveguides
33.120.30	Radiofrekvenčni konektorji (RF)	RF connectors

SIST EN IEC 61726:2022 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61726

September 2022

ICS 33.120.01

Supersedes EN 61726:2015

English Version

Cable assemblies, cables, connectors and passive microwave components - Screening attenuation measurement by the reverberation chamber method (IEC 61726:2022)

Cordons, câbles, connecteurs et composants hyperfréquence passifs - Mesurage de l'affaiblissement d'écran par la méthode de la chambre réverbérante (IEC 61726:2022)

Konfektionierte Kabel, Kabel, Steckverbinder und passive Mikrowellenbauteile - Messung der Schirmdämpfung mit dem Hallraum-Verfahren (IEC 61726:2022)

This European Standard was approved by CENELEC on 2022-08-22. 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.

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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

European foreword

The text of document 46/847/CDV, future edition 4 of IEC 61726, prepared by IEC/TC 46 "Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61726:2022.

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) 2023-05-22
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-08-22

This document supersedes EN 61726:2015 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 61726:2022 was approved by CENELEC as a European Standard without any modification.

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.

Publication	Year	Title	EN/HD	Year
IEC 61000-4-21	2011	Electromagnetic compatibility (EMC) - Part 4-21: Testing and measurement techniques - Reverberation chamber test methods	EN 61000-4-21	2011
IEC 61196-1	-	Coaxial communication cables - Part 1: Generic specification - General, definitions and requirements	-	-
IEC 62153-1	series	Metallic communication cables test methods	EN 62153-1	series

IEC 61726

Edition 4.0 2022-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

colour inside

Cable assemblies, cables, connectors and passive microwave components – Screening attenuation measurement by the reverberation chamber method

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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CABLE ASSEMBLIES, CABLES, CONNECTORS AND PASSIVE MICROWAVE COMPONENTS – SCREENING ATTENUATION MEASUREMENT BY THE REVERBERATION CHAMBER METHOD

FOREWORD

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IEC 61726 has been prepared by IEC technical committee 46: Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2015. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) reworded Clause 1 "Scope";
b) replaced IEC TS 62153-4-1 by IEC 62153 (all parts) in Clause 2;
c) added the definition of screening attenuation in 3.1;
d) added Clause 4 "Principle of screening attenuation measurement";
e) added the descriptions of some test set-ups, such as frequency synthesizer, spectrum analyser, stepper motor, linking devices and the sampling system, etc. in Clause 5;
f) added Clause 6 "DUT";

g) reworded Clause 7 "Measurement procedure";

h) added Clause 8 "Caution notes";

i) added Clause 9 "Acceptance criterion";

j) added Clause 10 "Information to be given in the relevant specification".

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

Draft	Report on voting
46/847/CDV	46/877/RVC

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under 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
- amended.

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