



SLOVENSKI STANDARD
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Puščajoči valovodi - 1. del: Splošna specifikacija - Splošne zahteve in preskusne metode

Leaky waveguides - Part 1: Generic specification - General requirements and test methods

Leckhohlleiter - Teil 1: Allgemeine Spezifikation - Allgemeine Anforderungen und Prüfverfahren

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Ta slovenski standard je istoveten z: **prEN IEC 63466-1:2026**

ICS:

33.120.10 Koaksialni kabli. Valovodi Coaxial cables. Waveguides

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DRAFT
prEN IEC 63466-1

September 2026

ICS 33.120.10

English Version

**Leaky waveguides - Part 1: Generic specification - General
requirements and test methods
(IEC 63466-1:2025)**

To be completed
(IEC 63466-1:2025)

Leckhohlleiter - Teil 1: Allgemeine Spezifikation -
Allgemeine Anforderungen und Prüfverfahren
(IEC 63466-1:2025)

This draft European Standard is submitted to CENELEC members for enquiry.
Deadline for CENELEC: 2026-12-04.

The text of this draft consists of the text of IEC 63466-1:2025.

If this draft becomes a European Standard, 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

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Project: 83597

Ref. No. prEN IEC 63466-1:2026 E

prEN IEC 63466-1:2026 (E)**European foreword**

This document (prEN IEC 63466-1:2026) consists of the text of document IEC 63466-1:2025, prepared by IEC/TC 46 "Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories".

This document is currently submitted to the Enquiry.

The following dates are proposed:

- latest date by which the existence of this document has to be announced at national level (doa) dav + 6 months
- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) dav + 12 months
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) dav + 36 months (to be confirmed or modified when voting)

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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.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-1	2013	Environmental testing - Part 1: General and guidance	EN 60068-1	2014
IEC 60153-1	-	Hollow metallic waveguides - Part 1: General requirements and measuring methods	EN 60153-1	-
IEC 60261	-	Sealing test for pressurized waveguide tubing and assemblies	HD 138 S2	-
IEC 60332-1-2	-	Tests on electric and optical fibre cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1_kW pre-mixed flame	-	-
IEC 60754-1	-	Test on gases evolved during combustion of materials from cables - Part 1: Determination of the halogen acid gas content	EN 60754-1	-
IEC 61034-2	-	Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements	EN 61034-2	-
IEC 61196-1	2005	Coaxial communication cables - Part 1: Generic specification - General, definitions and requirements	-	-
IEC 61196-1-106	-	Coaxial communication cables - Part 1-106: Electrical test methods - Test for withstand voltage of cable sheath	-	-
IEC 61196-1-212	-	Coaxial communication cables - Part 1-212: Environmental test methods - UV stability	-	-
IEC 61196-1-215	-	Coaxial communication cables - Part 1-215: Environmental test methods - High temperature cable ageing	-	-

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IEC 61196-1-302	-	Coaxial communication cables – Part 1-302: Mechanical test methods – Test for eccentricity	-	-
IEC 61196-1-316	-	Coaxial communication cables – Part 1-316: Mechanical test methods – Test of maximum pulling force of cable	-	-
IEC 62230	-	Electric cables – Spark-test method	EN 62230	-
ISO 3274	-	Geometrical Product Specifications (GPS) – Surface texture: Profile method – Nominal characteristics of contact (stylus) instruments	-	-
ISO 21920-3	-	Geometrical product specifications (GPS) – Surface texture: Profile – Part 3: Specification operators	EN ISO 21920-3	-

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INTERNATIONAL STANDARD

Leaky waveguides -

Part 1: Generic specification - General requirements and test methods

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**Leaky waveguides -
Part 1: Generic specification -
General requirements and test methods**

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IEC 63466-1 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.

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

Draft	Report on voting
46/1065/FDIS	46/1072/RVD

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.

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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.

A list of all parts in the IEC 63466 series, published under the general title *Leaky waveguides*, can be found on the IEC website.

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

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