

Coaxial communication cables - Part 10: Sectional
specification for semi-rigid cables with
polytetrafluoroethylene (PTFE) dielectric

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 61196-10:2016 sisaldab Euroopa standardi EN 61196-10:2016 ingliskeelset teksti.	This Estonian standard EVS-EN 61196-10:2016 consists of the English text of the European standard EN 61196-10:2016.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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ICS 33.120.10

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English Version

**Coaxial communication cables - Part 10: Sectional specification
for semi-rigid cables with polytetrafluoroethylene (PTFE)
dielectric
(IEC 61196-10:2014)**

Câbles coaxiaux de communication - Partie 10:
Spécification intermédiaire relative aux câbles semi-rigides
avec diélectrique en polytétrafluoroéthylène (PTFE)
(IEC 61196-10:2014)

Koaxiale Kommunikationskabel - Teil 10:
Rahmenspezifikation für halb-starre Kabel mit
Polytetrafluorethylen- (PTFE-)Isolation
(IEC 61196-10:2014)

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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: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of document 46A/1213/FDIS, future edition 1 of IEC 61196-10, prepared by SC 46A "Coaxial cables" of IEC/TC 46 "Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61196-10:2016.

The following dates are fixed:

- latest date by which the document has to be (dop) 2016-07-22
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2019-01-22
standards conflicting with the
document have to be withdrawn

This document supersedes EN 61196-2:2003.

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Endorsement notice

The text of the International Standard IEC 61196-10:2014 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, 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-1	1988	Environmental testing -- Part 1: General and guidance	EN 60068-1	1994
+ A1	1992		-	-
IEC 61169-4	-	Radio-frequency connectors -- Part 4: R.F. - coaxial connectors with inner diameter of outer conductor 16 mm (0,63 in) with screw lock - Characteristic impedance 50 ohms (type 7-16)	-	-
IEC 61196-1	2005	Coaxial communication cables - Part 1: Generic specification - General, definitions and requirements	-	-
IEC 61196-1-1	-	Coaxial communication cables - Part 1-1: Capability approval for coaxial cables	-	-
IEC 61196-1-101	-	Coaxial communication cables - Part 1-101: Electrical test methods - Test for conductor DC resistance of cable	-	-
IEC 61196-1-102	-	Coaxial communication cables - Part 1-102: Electrical test methods - Test for insulation resistance of cable dielectric	-	-
IEC 61196-1-103	-	Coaxial communication cables - Part 1-103: Electrical test methods - Test for capacitance of cable	-	-
IEC 61196-1-105	-	Coaxial communication cables - Part 1-105: Electrical test methods - Test for withstand voltage of cable dielectric	-	-
IEC 61196-1-108	-	Coaxial communication cables - Part 1-108: Electrical test methods - Test for characteristic impedance, phase and group delay, electrical length and propagation velocity	-	-
IEC 61196-1-112	-	Coaxial communication cables - Part 1-112: Electrical test methods - Test for return loss (uniformity of impedance)	-	-
IEC 61196-1-113	-	Coaxial communication cables - Part 1-113: Electrical test methods - Test for attenuation constant	-	-
IEC 61196-1-115	-	Coaxial communication cables - Part 1-115: Electrical test methods - Test for regularity of impedance (pulse/step function return loss)	-	-
IEC 61196-1-301	-	Coaxial communication cables -- Part 1-301: Mechanical test methods - Test for ovality	-	-
IEC 61196-1-302	-	Coaxial communication cables - Part 1-302: Mechanical test methods - Test for eccentricity	-	-

IEC 61196-1-313	-	Coaxial communication cables - Part 1-313: Mechanical test methods - Adhesion of dielectric and sheath	-	-
IEC 61196-1-314	-	Coaxial communication cables - Part 1-314: Mechanical test methods - Test for bending	-	-
IEC 61196-1-318	-	Coaxial communication cables - Part 1-318: Mechanical test methods - Heat performance tests	-	-
IEC 62037-4	2012	Passive RF and microwave devices, intermodulation level measurement -- Part 4: Measurement of passive intermodulation in coaxial cables	EN 62037-4	2012
IEC 62230	2006	Electric cables - Spark-test method	EN 62230	2007
ISO 2859-1	1999	Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection	-	-

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