# IEC 61196-1-200

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REDLINE VERSION

# INTERNATIONAL STANDARD

colour inside

## Coaxial communication cables –
## Part 1-200: Environmental test methods – General requirements

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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# COAXIAL COMMUNICATION CABLES –

# Part 1-200: Environmental test methods – General requirements

## FOREWORD

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**This redline version of the official IEC Standard allows the user to identify the changes made to the previous edition IEC 61196-1-200:2014. A vertical bar appears in the margin wherever a change has been made. Additions are in green text, deletions are in strikethrough red text.**

IEC 61196-1-200 has been prepared by subcommittee 46A: Coaxial cables, of IEC technical committee 46: Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories. It is an International Standard.

This third edition cancels and replaces the second edition published in 2014. This edition constitutes a technical revision.

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

a) Update of Annex A.

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

| Draft | Report on voting |
|---|---|
| 46A/1544/FDIS | 46A/1555/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.

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/standardsdev/publications.

This International Standard is to be used in conjunction with IEC 61196-1. It is based on the second edition (2005) of that document.

A list of all parts of the IEC 61196 series, under the general title: *Coaxial communication cables*, 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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- replaced by a revised edition, or
- amended.

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# COAXIAL COMMUNICATION CABLES –

# Part 1-200: Environmental test methods – General requirements

## 1 Scope

This part of IEC 61196 gives the general requirements and conditions for environmental tests to be performed on coaxial communication cables and applies to the IEC 61196-1-2xx series, which specifies environmental test methods for coaxial communication cables.

Further test details (e.g. temperature, duration) and/or test requirements ~~may~~ can be given in the relevant test procedure and/or the relevant sectional or detail specification.

A table with environmental test methods of the IEC 61196-1-2xx series is given in Annex A.

## 2 Normative references

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.

IEC 61196-1, *Coaxial communication cables – Part 1: Generic specification – General, definitions and requirements*

IEC 61196-1-200

Edition 3.0 2022-02

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

## Coaxial communication cables – Part 1-200: Environmental test methods – General requirements

## Câbles coaxiaux de communication – Partie 1-200: Méthodes d'essai d'environnement – Exigences générales



IEC 61196-1-200:2022-02(en-fr)

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# Part 1-200: Environmental test methods – General requirements

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COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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# CÂBLES COAXIAUX DE COMMUNICATION –

## Partie 1-200: Méthodes d'essai d'environnement – Exigences générales

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Cette troisième édition annule et remplace la deuxième édition parue en 2014. Cette édition constitue une révision technique.

Cette édition inclut les modifications techniques majeures suivantes par rapport à l'édition précédente:

a) Mise à jour de l'Annexe A.

Le texte de cette Norme internationale est issu des documents suivants:

| Projet | Rapport de vote |
|---|---|
| 46A/1544/FDIS | 46A/1555/RVD |

Le rapport de vote indiqué dans le tableau ci-dessus donne toute information sur le vote ayant abouti à son approbation.

La langue employée pour l'élaboration de cette Norme internationale est l'anglais.

Le présent document a été rédigé selon les Directives ISO/IEC, Partie 2, il a été développé selon les Directives ISO/IEC, Partie 1 et les Directives ISO/IEC, Supplément IEC, disponibles sous www.iec.ch/members_experts/refdocs. Les principaux types de documents développés par l'IEC sont décrits plus en détail sous www.iec.ch/standardsdev/publications.

Cette Norme internationale doit être utilisée conjointement avec l'IEC 61196-1. Elle est fondée sur la deuxième édition (2005) du présent document.

Une liste de toutes les parties de la série IEC 61196, publiées sous le titre général: *Câbles coaxiaux de communication*, peut être consultée sur le site web de l'IEC.

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# CÂBLES COAXIAUX DE COMMUNICATION –

# Partie 1-200: Méthodes d'essai d'environnement – Exigences générales

## 1 Domaine d'application

La présente partie de l'IEC 61196 donne les exigences et les conditions générales relatives aux essais d'environnement à réaliser sur les câbles coaxiaux de communication et elle s'applique à la série IEC 61196-1-2xx qui spécifie les méthodes d'essai d'environnement pour les câbles coaxiaux de communication.

Des précisions supplémentaires sur les essais (par exemple, la température, la durée) et/ou les exigences d'essai peuvent être fournies dans la procédure d'essai applicable et/ou dans la spécification intermédiaire ou particulière applicable.

Un tableau des méthodes d'essai d'environnement de la série IEC 61196-1-2xx figure dans l'Annexe A.

## 2 Références normatives

Les documents suivants sont cités dans le texte de sorte qu'ils constituent, pour tout ou partie de leur contenu, des exigences du présent document. Pour les références datées, seule l'édition citée s'applique. Pour les références non datées, la dernière édition du document de référence s'applique (y compris les éventuels amendements).

IEC 61196-1, *Câbles coaxiaux de communication – Partie 1: Spécification générique – Généralités, définitions et exigences*