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# INTERNATIONAL STANDARD



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## Coaxial communication cables – Part 12: Specification for spacer clamps for radiating cables

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## COAXIAL COMMUNICATION CABLES –

## Part 12: Specification for spacer clamps for radiating cables

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IEC 61196-12 has been prepared by subcommittee 23A: Cable management systems, of IEC technical committee 23: Electrical accessories. It is an International Standard.

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

Draft	Report on voting
23A/1073/FDIS	23A/1076/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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

A list of all parts in the IEC 61196 series, published 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](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
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## COAXIAL COMMUNICATION CABLES –

### Part 12: Specification for spacer clamps for radiating cables

#### 1 Scope

This part of IEC 61196 defines general requirements for spacer clamps for radiating cables, including terms and definitions, design and construction, IEC type designation, requirements and test procedures and type tests.

The contents of this document are suitable for spacer clamps for installation of radiating cables. These cables and their spacer clamps are widely used in tunnels, subways, underpasses, and shafts. Their intended application is in weather-protected environments and, optionally, outdoors.

#### 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 60068-2-1, *Environmental testing – Part 2-1: Tests – Test A: Cold*

IEC 60068-2-5, *Environmental testing – Part 2-5: Tests – Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering*

IEC 60068-2-30, *Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 h + 12 h cycle)*

IEC 61196-4, *Coaxial communication cables – Part 4: Sectional specification for radiating cables*

ISO 834-1:1999, *Fire-resistance tests – Elements of building construction – Part 1: General requirements*

ISO 9227, *Corrosion tests in artificial atmospheres – Salt spray tests*