

INTERNATIONAL STANDARD



**Coaxial communication cables –
Part 1-326: Mechanical test methods – Hanger test**



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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 33.120.10

ISBN 978-2-8322-5775-3

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COAXIAL COMMUNICATION CABLES –

Part 1-326: Mechanical test methods – Hanger test

FOREWORD

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IEC 61196-1-326 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.

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

Draft	Report on voting
46A/1589/FDIS	46A/1602/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.

A list of all the 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 in the data related to the specific document. At this date, the document will be

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- withdrawn,
- replaced by a revised edition, or
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COAXIAL COMMUNICATION CABLES –

Part 1-326: Mechanical test methods – Hanger test

1 Scope

This part of IEC 61196 describes the test methods to evaluate the suitability of hangers to support a cable on an antenna tower, or on other constructions. This document also provides generic criteria to evaluate performance.

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 60068-2-11, *Environmental testing – Part 2-11: Tests – Test Ka: Salt mist*

IEC 60068-2-14, *Environmental testing – Part 2-14: Tests – Test N: Change of temperature*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

4 Test methods

4.1 General

This document includes different test methods to evaluate the suitability of hangers to support one or more cables. While recommended, it is not intended that all tests be carried out in all cases. The tests to be applied can be specified in the relevant specification or agreed between customer and supplier. The hanger specification shall provide the following:

- a) cable information by cable type or diameter if rigid,
- b) weight to be supported in slippage test if not cable specific.

4.2 Slippage test

4.2.1 Samples

- a) six hangers,
- b) cable length: 2 m with a tolerance of $\pm 1\%$ (alternate 0,7 m with a tolerance of $\pm 1\%$ depending on thermal chamber size constraints),
- c) three cables.