



Edition 2.0 2023-10

INTERNATIONAL STANDARD

Coaxial communication cables – Part 9-1: Blank detail specification for flexible RF coaxial cables

Document Preview

IEC 61196-9-1:2023

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COAXIAL COMMUNICATION CABLES -

Part 9-1: Blank detail specification for flexible RF coaxial cables

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IEC 61196-9-1 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 second edition cancels and replaces the first edition published in 2015. This edition constitutes a technical revision.

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

a) [8] Engineering information: "Nominal characteristic impedance", "Relative propagation velocity (velocity ratio)", "Capacitance", "Maximum tensile force (when required)", "Average power (when required)" are added.

- b) [9] to [12]: Tables revised, 7.2.17 "Phase difference", 7.2.20 "Corona extinction voltage", 7.3.5 Stress-crack resistance (for FEP sheath)", "7.4.14 Vibration" are added,
- c) [9] to [12]: Different requirements revised or added.

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

Draft	Report on voting
46A/1641/FDIS	46A/1647/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/publications.

This document is to be read in conjunction with IEC 61196-1:2005 and IEC 61196-9:2023.

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 in the data related to the specific document. At this date, the document will be

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