

# INTERNATIONAL STANDARD



**Coaxial communication cables –  
Part 4: Sectional specification for radiating cables**



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Part 4: Sectional specification for radiating cables

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**COAXIAL COMMUNICATION CABLES –****Part 4: Sectional specification for radiating cables**

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International Standard IEC 61196-4 has been prepared by subcommittee 46A: Coaxial cables, of IEC technical committee 46: Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories.

This third edition cancels and replaces the second edition published in 2004. This edition constitutes a technical revision.

The main changes with respect to the previous edition are as follows:

- a definition for coupling loss was added,
- Clause 4 "Materials and cable construction" was added,
- rated temperature range, operating frequency and radiating characteristics as standard rating and characteristics were added,
- identification, marking and labeling was added,

- the tables of test procedures were revised,
- quality assessment and packaging was added,
- Annex C, “Coupling loss around circumferential orientation of radiating cable” was added
- Annex D “Radiating intensity around circumferential orientation of radiating cable” was added.

The text of this standard is based on the following documents:

FDIS	Report on voting
46A/1256/FDIS	46A/1273/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This publication is to be read in conjunction with IEC 61196-1:2005.

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 publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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