IEC 61196-4-1

INTERNATIONAL STANDARD

Coaxial communication cables –
Part 4-1: Blank detail specification for radiating cables

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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FOREWORD

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International Standard IEC 61196-4-1 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.

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

FDIS	Report on voting
46A/1279/FDIS	46A/1290/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.

It is intended to be read in conjunction with IEC 61196-1:2005 and IEC 61196-4:2015.

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 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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

COAXIAL COMMUNICATION CABLES –

Part 4-1: Blank detail specification for radiating cables

1 Scope

This part of IEC 61196, which is a blank detail specification, applies to radiating coaxial communication cables. These cables are intended for use in wireless communication system, such as tunnels, railways, highways, subways, elevators and other installations in which conventional radio transmission is not satisfactory or even impossible.

It determines the layout and style for detail specification. Detail specifications, based on the blank detail specification, may be prepared by a national organization a manufacturer, or a user.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 61196-1:2005, *Coaxial communication cables – Part 1: Generic specification – General, definitions and requirements*

IEC 61196-4:2015, *Coaxial communication cables – Part 4: Sectional specification for radiating cables*