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colour inside

Coaxial communication cables –
Part 6-1: Blank detail specification for CATV drop cables

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COAXIAL COMMUNICATION CABLES –

Part 6-1: Blank detail specification for CATV drop cables

FOREWORD

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This redline version of the official IEC Standard allows the user to identify the changes made to the previous edition IEC 61196-6-1:2009. A vertical bar appears in the margin wherever a change has been made. Additions are in green text, deletions are in strikethrough red text.

IEC 61196-6-1 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 2009. This edition constitutes a technical revision.

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

a) Annex A, Cable identification and marking was added.

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

FDIS	Report on voting
46A/1497/FDIS	46A/1515/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.

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.

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.

It is to be used in conjunction with IEC 61196-1:2005 and IEC 61196-6:2021

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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COAXIAL COMMUNICATION CABLES –

Part 6-1: Blank detail specification for CATV drop cables

1 Scope

This blank detail specification applies to ~~CATV~~ coaxial communication cables as described in IEC 61196-6. It specifies the requirements for drop cables for use in cabled television distribution networks operating at temperatures between −40 °C and +70 °C and in the frequency range from 5 MHz to 1 000 MHz or from 5 MHz to 3 000 MHz ~~as described in IEC 61196-6 and is to be read in conjunction with IEC 61196-1 and IEC 61196-6~~.

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

IEC 61196-6:2021, *Coaxial communication cables – Part 6: Sectional specification for CATV drop cables*

IEC 61196-1-310, *Coaxial communication cables − Part 1-310: Mechanical test methods − Test for torsion characteristics of copper-clad metals*

IEC 61196-1-314:2015, *Coaxial communication cables – Part 1-314: Mechanical test methods – Test for bending*

~~IEC 62153-4-4, *Metallic communication cable test methods – Part 4-4: Electromagnetic compatibility (EMC) – Shielded screening attenuation, test method for measuring of the screening attenuation "a_s" up to and above 3 GHz.*~~

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IEC 61196-6-1:2021-08(en)

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