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Part 5-1: Blank detail specification for CATV trunk and distribution cables

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FOREWORD

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International Standard IEC 61196-5-1 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/1096/FDIS	46A/1118/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 second edition cancels and replaces the fist edition published in 2007. It constitutes a technical revision.

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

The document has been updated and matched to the mother document IEC 61196-5.

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

A list of all parts of 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 web site 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- withdrawn,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 –

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1 Scope

This part of IEC 61196 applies to CATV cables. It specifies the requirements for drop cables for use in cabled television distribution networks operating at temperatures between –40 °C and +65 °C and in the frequency range from 5 MHz to 1 002 MHz as described in IEC 61196-5.

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 61196-5:2012, *Coaxial communication cables – Part 5: Sectional specification for CATV trunk and distribution cables*

IEC 61196-1-314:2006, *Coaxial communication cables – Part 1-314: Mechanical test methods – Test for bending*

IEC 62153-4-3, *Metallic communication cable test methods – Part 4-3 Electromagnetic compatibility (EMC) – Surface transfer impedance – Triaxial method*

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 as up to and above 3 GHz*