

BUREAU OF INDIAN STANDARDS

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मसौदा भारतीय मानक
समाक्ष संचार केबल
भाग 6 सीएटीवी ड्रॉप केबल
अनुभाग 1 रिक्त विस्तृत विशिष्टि
(पहला पुनरीक्षण)

Draft Indian Standard
Coaxial communication cables –
Part 6 CATV drop cables
Section 1 Blank detail specification
(First Revision)

ICS 33.120.10

Wires, Cables, Waveguides & Accessories
Sectional Committee, LITD 06

Last Date for Comments:
01st November 2023

NATIONAL FOREWORD

(Formal clauses will be added later)

This draft Indian Standard (Part 6 / Sec 1) (First Revision) which is identical with IEC 61196-6-1: 2021 ‘Coaxial communication cables –Part 6-1 Blank detail specification for CATV drop cables’ issued by the International Electrotechnical Commission (IEC) *will be* adopted by the Bureau of Indian Standards on the recommendations of the Dependability of Electronic, Electrical Components, Equipment and Systems Sectional Committee and approval of the Electronics and Information Technology Division Council.

This standard was originally published in 2009 and was identical to IEC 61196-6-1: 2009. The first revision of this standard has been undertaken to align it with the latest version of IEC 61196-6-1: 2021.

The text of IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions and terminologies are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’, and
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted draft standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies:

<i>International Standards</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
IEC 61196-1:2005 Coaxial communication cables – Part 1: Generic specification – General, definitions and requirements	IS/IEC 61196-1 : 2005 Coaxial communication cables: Part 1 generic specification - General, definitions and requirements.	Identical
IEC 61196-6:2021 Coaxial communication cables – Part 6: Sectional specification for CATV drop cables	IS/IEC 61196-6: 2009 Coaxial Communication Cables Part 6 Sectional Specification for CATV Drop Cables (IEC 61196-6: 2021 under WC)	-do-
IEC 61196-1-310 Coaxial communication cables – Part 1-310: Mechanical test methods – Test for torsion characteristics of copper-clad metals	IS/IEC 6119-1-310: 2005 Coaxial communication cables: Part 1 - 310 mechanical test methods - Test for torsion characteristics of copper - Clad metals	-do-
IEC 61196-1-314:2015 Coaxial communication cables – Part 1-314: Mechanical test methods – Test for bending	IS/IEC 61196-1-314: 2015 Coaxial communication cables Part 1-314 Mechanical Test Methods — Test for Bending	-do-

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2:2022 ‘Rules for rounding off numerical values (*revised*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Scope of IEC 61196-6-1: 2021 is as follows:

This blank detail specification applies to 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 $+70^{\circ}\text{C}$ and in the frequency range from 5 MHz to 1 000 MHz or from 5 MHz to 3 000 MHz .

NOTE– The Technical content of this document has not been enclosed as these are identical with the corresponding IEC Standard. For details please refer IEC 61196-6-1: 2021 or kindly contact.

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