

**BUREAU OF INDIAN STANDARDS**  
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मसौदा भारतीय मानक  
समाक्ष संचार केबल —  
भाग 1: पर्यावरण परीक्षण विधियाँ —  
अनुभाग 206: जलवायु अनुक्रम  
(पहला पुनरीक्षण)

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*Draft Indian Standard*

*Coaxial Communication Cables—  
Part 1: Environmental Test Methods —  
Section 206: Climatic Sequence  
(First Revision)*

ICS 33.120.10

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## NATIONAL FOREWORD

(Formal clauses will be added later)

This Draft Indian Standard (Part 1/Sec 206) (First Revision) which is identical with IEC 61196-1-206:2017 ‘Coaxial communication cables – Part 1-206: Environmental test methods – Climatic sequence’ issued by the International Electrotechnical Commission (IEC) *will be* adopted by the Bureau of Indian Standards on the recommendations of the Wires, Cables, Waveguides & Accessories Sectional Committee and approval of the Electronics and Information Technology Division Council.

The text of IEC Standard will be 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 draft adopted standard, reference appears to the following International Standard for which Indian Standard also exists. The corresponding Indian Standard which is to be substituted in its place is listed below along with its degree of equivalence for the edition indicated. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies:

<b>International Standards</b>	<b>Corresponding Indian Standard</b>	<b>Degree of Equivalence</b>
IEC 60068-2-1, Environmental testing – Part 2-1: Tests – Test A: Cold	IS/IEC 60068-2-1 : 2007 Environmental Testing Part 2 Tests Section 1 Test A: Cold	Identical with IEC 60068-2-1 : 2007
IEC 60068-2-30, Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 h + 12 h cycle)	IS/IEC 60068-2-30 : 2005 Environmental testing — Part 2-30 : Tests — Test Db: Damp heat, cyclic (12 h + 12 h cycle)	Identical to IEC 60068-2-30: 2005
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 with IEC 61196-1 : 2005

The technical committee has reviewed the provisions of the following International Standards referred in this draft adopted standard and has decided that they are acceptable for use in conjunction with this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies:

<b>International Standard</b>	<b>Title</b>
IEC 60068-2-61	Environmental testing – Part 2-61: Test methods – Test Z/ABDM: Climatic sequence

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 (Second Revision)’. The number of significant places retained in the rounded off value should be same as that of the specified value in this standard.

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**Scope of IEC 61196-1-206:2017 is as follows:**

“This part of IEC 61196 specifies the method of test to determine the stability of transmission performance of a finished RF coaxial cable when subjected to a set of temperatures, temperature changes, and humidity stresses that would accelerate exposures observed in storage and transportation.”

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 61196-1-206:2017 or kindly contact.

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