***भारतीय मानक***

***समाक्ष संचार केबल –***

***भाग 1: विद्युत परीक्षण विधियाँ –***

***अनुभाग 104: तापमान बनाम केबल की धारिता***

***की स्थिरता के लिए परीक्षण***

***(पहला पुनरीक्षण)***

***Indian Standard***

***Coaxial Communication Cables–***

***Part 1: Electrical Test Methods –***

***Section 104: Test for the stability of the capacitance of cable versus temperature***

***(First Revision)***

**ICS 33.120.10**

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

**NATIONAL FOREWORD**

This Indian Standard (Part 1/Sec 104) (First Revision) which is identical to IEC 61196-1-104:2015 ‘Coaxial communication cables – Part 1-104: Electrical test methods – Test for the stability of the capacitance of cable versus temperature’ issued by the International Electrotechnical Commission (IEC) was 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.

This standard was first published in 2012 and was identical to IEC 61196-1-104: 2005. The first revision of this standard has been undertaken to align it with the latest version of IEC 61196-1-104: 2015.

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

a) Subclause 4.2, Requirements for the test sample;

b) Change in the title of Part 1-104.

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:

1. Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’, and
2. 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:

|  |  |  |
| --- | --- | --- |
| **International Standards** | **Corresponding Indian Standard** | **Degree of Equivalence** |
| IEC 60050 (All Parts), International Electrotechnical Vocabulary | IS 1885 (All Parts)  Electrotechnical vocabulary | Technically Equivalent |
| IEC 61196-1 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 |
| IEC 61196-1-103, Coaxial communication cables – Part 1-103: Electrical test methods – Test for capacitance of cable | IS/IEC 61196-1-103 : 2005 Coaxial communication cables: Part 1 - 103 electrical test methods - Test for capacitance of cable | Identical with  IEC 61196-1-103 : 2005 |

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.