***भारतीय मानक***

***समाक्ष संचार केबल***

***भाग 1- इलैक्ट्रिकल परीक्षण विधियाँ परीक्षण***

***अनुभाग-103 धारिता के लिए केबल***

***(पहला पुनरीक्षण)***

***Indian Standard***

***Coaxial Communication Cables***

***Part 1- Electrical Test Methods***

***Section – 103 Test for Capacitance of Cable***

***(First Revision)***

***ICS 33.120.10***

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**NATIONAL FOREWORD**

This Indian Standard (Part 1/Section 3) (First Revision) which is identical with IEC 61196-1-103: 2015 ‘Coaxial communication cables – Part 1-103: Electrical test methods – Test for capacitance of cable’ issued by the International Electrotechnical Commission (IEC) was adopted by the Bureau of Indian Standards on the recommendation of Wires, Cables, Waveguides and Accessories Sectional Committee and approval of the Electronics and Information Technology Division Council.

This standard was originally published in 2005 and was identical with IEC 61196-1-103: 2005. The first revision of this Indian Standard has been under taken up to align it with the latest version of IEC 61196-1-103: 2015.

This second edition cancels and replaces the first edition published in 2005. This edition constitutes a technical revision. This edition includes the following significant technical change with respect to the previous edition:

Subclause 4.2, Requirements for the test sample.

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

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

|  |  |  |
| --- | --- | --- |
| **International Standards** | **Corresponding Indian Standards** | **Degree of Equivalence** |
| IEC 60050 (all parts), International Electrotechnical Vocabulary | IS 1885, Electrotechnical Vocabulary (all parts)  | Technical 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  |

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.