

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

(Not to be reproduced without the permission of BIS or used as an Indian Standard)

मसौदा भारतीय मानक
समाक्ष संचार केबल
भाग 1: विद्युतीय परीक्षण विधियाँ
अनुभाग 103: परीक्षण धारिता के लिए केबल
(पहला पुनरीक्षण)

Draft Indian Standard
Coaxial Communication Cables –
Part 1: Electrical Test Methods –
Section 103: Test for Capacitance of Cable
(First Revision)

ICS 33.120.10

LITD 06-Wires, Cables, Waveguides and
Accessories Sectional Committee

Last Date for Comments: 07 July 2024.

NATIONAL FOREWORD

(Formal clauses will be added later)

This Draft Indian Standard (Part 1/Section 103) (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) *will be* adopted by the Bureau of Indian Standards on the recommendation of Wires, Cables, Waveguides And Accessories Sectional Committee (LITD 06) and approval of the Electronics and Information Technology Division Council.

This standard was originally published in 2011 and was identical with IEC 61196-1-103: 2005. The first revision of the Indian Standard has been under taken up to align it with the latest version of IEC 61196-1-103:2015.

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

- a) Subclause 4.2, Requirements for the test sample.

The text of IEC Standard *may be* 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:

- a) Wherever the words ‘International Standard’ appears referring to this standard, they should be read as ‘Indian Standard’.
- 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 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 (Series) Electrotechnical Vocabulary	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.

SCOPE OF IEC 61196-1-103: 2015

“This part of IEC 61196 applies to coaxial communications cables. It specifies test methods for determining the capacitance.”

Note: - The Technical content of this document has not been enclosed as these are identical with the corresponding IEC Standard. For details please refer to IEC 61196-1-103: 2015 or kindly contact.

Head,
Electronics & IT Department
Bureau of Indian Standards
9, B.S. Zafar Marg,
New Delhi-110002
Email: hlitd@bis.gov.in, litd6@bis.gov.in
Tele: 011-23608451