

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
विद्युत तकनीकी शब्दावली -
भाग 726: ट्रांसमिशन लाइन्स और वेवगाइड्स
(पहला पुनरीक्षण)

Draft Indian Standard
***Electrotechnical Vocabulary –
Part 726: Transmission Lines and Waveguides
(First Revision)***

ICS 01.040.33; 33.120.10

©BIS 2024

©IEC 1982

LITD 06 Wires, Cables, Waveguides and
Accessories Sectional Committee

Last Date for Comments: 10 August 2024.

NATIONAL FOREWORD

(Formal clauses will be added later)

This Draft Indian Standard (Part 56) (First Revision) which is identical with IEC 60050-726:1982 'International Electrotechnical Vocabulary (IEV) - Part 726: Transmission lines and waveguide's issued by the International Electrotechnical Commission (IEC) *will be* adopted by the Bureau of Indian Standards on the recommendation of the Wires, Cables, Waveguides and Accessories Sectional Committee (LITD 06) and approval of the Electronics and Information Technology Division Council.

This standard was first published in 1982 and was prepared on the basis of IEC Document 1 (IEV 726) (Central Office) 1107: Draft-transmission lines and waveguides, Sections 01 to 21. This revision has been brought out to bring the standard in the latest style and format of the Indian standard. It also incorporates all amendments till date issued to the last version of the standard.

The text of IEC Standard *will 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.

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 60050-726:1982

“This standard (Part 726) includes terms and definitions that specifically apply to or are important to the field of microwave passive components and accessories including microwave transmission lines and waveguides.”

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 60050-726:1982 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