



EDC6 (4035) DTZS  
IEC 61196-1-100:2022

## DRAFT TANZANIA STANDARD

(Draft for comments only)

---

**Coaxial communication cables –  
Part 1-100: Electrical test methods – General requirements**

**TANZANIA BUREAU OF STANDARDS**

---

## **1 National Foreword**

This draft Tanzania Standard is being prepared by the Telecommunications and Information Technology Technical Committee, under the supervision of the Electrotechnical divisional standards committee (EDC)

This draft Tanzania Standard is an adoption of the International Standard **IEC 61196-1-100:2022** Coaxial communication cables – Part 1-100: Electrical test methods – General requirements, Which has been prepared by the International Electrotechnical Commission

## **2 Terminology and conventions**

Some terminologies and certain conventions are not identical with those used in Tanzania standards; attention is drawn especially to the following: -

- 1) The comma has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use “full point” on the baseline as the decimal marker.
- 2) Where the words “International Standard(s)” appear, referring to this standard they should read “Tanzania Standard(s)”.

## CONTENTS

FOREWORD.....	3
1 Scope .....	5
2 Normative references .....	5
3 Terms and definitions .....	5
4 Sample .....	5
4.1 Cable under test (CUT).....	5
4.2 Pre-conditioning .....	5
5 Tests.....	6
6 Test conditions.....	6
6.1 Ambient conditions.....	6
6.2 Tolerance on temperature values.....	6
6.3 Frequency range and stability for frequency-related measurements.....	6
7 Test report.....	6
Annex A (informative) Electrical test methods of the IEC 61196-1-1xx series.....	7
Bibliography	

# COAXIAL COMMUNICATION CABLES –

## Part 1-100: Electrical test methods – General requirements

### 1 Scope

This part of IEC 61196 gives the general requirements and conditions for electrical tests to be performed on coaxial communication cables and applies to IEC 61196-1-1xx (all parts), which specifies electrical test methods for coaxial communication cables.

Further test details (for example, temperature, duration) and/or test requirements are given in the relevant test procedure and/or the relevant sectional or detail specification.

A table with electrical test methods of the IEC 61196-1-1xx series is given in Annex A.

### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 61196-1:2005, *Coaxial communication cables – Part 1: Generic specification – General, definitions and requirements*