

CST Technical Specification

Specification for Fibre Optics Equipment

Document Number: IT004
Revision: Issue 03
Date: October 2023

This technical specification is issued by The Communications, Space and Technology Commission in the Kingdom of Saudi Arabia in accordance with the provisions of the Communications and Information Technology Act issued by Royal Decree No. (M/106) dated 02/11/1443 AH and its bylaw, and the Commission's regulation.

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Document History Table

Version	Issue Date	Description
Issue 1	January 2010	
Issue 2	July 2021	
Issue 3	October 2023	

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1- Scope

This specification applies to fibre optics equipment for use with communication equipment, devices and cables to having a combination of both optical fibres and electrical conductors.

2- Enforcement

- 2-1 This specification shall enter into force from issue date.
- 2-2 Any previous version of this technical specification is withdrawn.

3- General Requirements

- 3-1 All equipment must comply with the requirement of CST specification GEN001, be safe and must not adversely affect other electrical equipment.
- 3-2 All telecommunications and radio terminal equipment must comply with the relevant technical specifications established by CST. In addition, such equipment may be subject to regulations for Declaration of Conformity or registration. Please visit CST website for details.
- 3-3 If more than one interface type is offered by a piece of equipment, each interface must meet the applicable technical specifications.
- 3-4 Further information on the characteristics and presentation of network interfaces can be obtained by coordinating with the mobile network operators.
- 3-5 It is mandatory that test reports are obtained from a laboratory that has been accredited by a body that is a member of the ILAC Mutual Recognition Arrangement.

4- Limits and conditions

Testing must be carried out to ensure compliance with the following standards:

- EN 60794-1-1
- EN 60794-1-2.

5- Licensing Requirements

No licensing requirements apply.

6- Additional Requirements

There is no additional requirements for this technical specification.

7- References

The following referenced documents are indispensable for the application of this document. If no issue or revision number is quoted along with the title of a technical specification or standard, the latest published version should be used.

EN 60794-1-1

Optical fibre cables - Generic specification.

EN 60794-1-2

Optical fibre cables - Generic specification for Basic optical cable test procedures