Chinastandards.org

ICS 33.120.40
CCS M51

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6113-2024

Technical requirements and measurement methods for lens antennas for mobile communications

移动通信用透镜天线技术要求和测量方法

(English Translation)

Issued on: December 10, 2024 **Implemented on: April 1, 2025**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-6113-2024

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Abbreviations
3.1 Terms and definitions
4 General
4.1 Test environment
4.2 UE Information
4.3 Test Implementation
5 Technical requirements

1 Foreword

YD/T 6113-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 2025.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the electrical performance, lightning protection performance, mechanical characteristics and environmental conditions requirements of cylindrical lens antennas, elliptical lens antennas and spherical lens antennas for mobile communications, and describes the electrical performance measurement method, general structural requirements test method and environmental test method of lens antennas. This standard applies to lens antennas with operating frequency bands of 690MHz~806MHz, 806MHz~960MHz, 1695MHz~1880MHz, 1920MHz~2170MHz, 2300MHz~2700MHz, and 3400MHz~3600MHz.

YD/T 6113-2024 falls under ICS 33.120.40, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-6113-2024

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 19392-2013 - General specification for in-vehicle satellite navigation equipment

YD/T 6043-2024 - Functional requirements of the intelligent antenna and feeder system engineering parameter information unit management platform

YD/T 4759-2024 - Technical requirements for square wave shaped antennas for mobile communication systems in stadiums

YD/T 4758-2024 - Mobile communication antenna cluster connector

5 Classification and status

International classification (ICS): 33.120.40

Chinese Standard Classification (CCS): M 51

Prefix YD/T: recommended standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-6113-2024