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ICS 33.040.01
CCS M10

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6064-2024

Technical requirements for broadband customer network connection based on public telecommunication network - Fiber to the room - Application Scenarios and Requirements

基于公用电信网的宽带客户网络联网技术要求 光纤到房间 应用场景与需求

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6064-2024

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1 Foreword

YD/T 6064-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 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 application scenarios of fiber-to-the-room based on public telecommunications networks in home and government and enterprise networks, and specifies the networking requirements under the corresponding scenarios. This standard applies to the design and development of fiber-to-the-room networks based on public telecommunications networks, including the implementation of home user scenarios and government and enterprise user scenarios.

YD/T 6064-2024 falls under ICS 33.040.01, 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.

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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 47325-2026 - Security technical requirements and test methods for over-the-air updates in the internet of vehicles

GB/T 47324-2026 - Cybersecurity protection requirements for internet of vehicles platforms

YD/T 1730-2008 - Implementation Guide for Security Risk Assessment of Telecom Network and Internet

YD/T 6017.6-2026 - The capability evaluation system of cyber security product - Part 6: Evaluation method of cyber deception (honeypot)

YD/T 6017.4-2026 - The capability evaluation system of cyber security products - Part 4: Security products testing methods based on deployment methods

YD/T 6069.2-2024 - Technical requirements for open converged network equipment for network edge nodes - Part 2: Frame

5 Classification and status

International classification (ICS): 33.040.01

Chinese Standard Classification (CCS): M 10

Prefix YD/T: recommended standard.

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