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ICS 33.040.50
CCS M30

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4615-2023

Technical requirements for broadband customer network networking based on public telecommunications networks Fiber to the room Overall

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 总体

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4615-2023

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1 Foreword

YD/T 4615-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

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 overall technical requirements for fiber to the room (FTTR), including: system architecture, business capabilities and interfaces, indoor optical distribution network, optical network specifications, wireless LAN collaboration functions, system functions, performance requirements, management requirements, and other requirements wait. This standard applies to high-speed optical fiber customer networks based on public telecommunications networks, including home user scenarios and government and enterprise user scenarios that implement optical fiber to the room.

YD/T 4615-2023 falls under ICS 33.040.50, 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:

YD/T 3710-2020 - Test methods of message layer of LTE-based vehicular communication

YD/T 2879-2026 - Synchronization OAM technical requirements based on packet network

YD/T 4608.2-2024 - Technical requirements for unified file interface for 5G network test data collection - Part 2: Collection event requirements

YD/T 4608.1-2023 - 5G network test data collection unified file interface technical requirements - Part 1: Basic file structure requirements

5 Classification and status

International classification (ICS): 33.040.50

Chinese Standard Classification (CCS): M 30

Prefix YD/T: recommended standard.

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