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ICS 33.040.50
CCS M42

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6065-2024

Technical requirements for broadband customer network connection based on public telecommunication network - Universal dielectric wired networking - Security Networking

基于公用电信网的宽带客户网络联网技术要求 通用介质有线联网 安全组网

(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-6065-2024

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1 Foreword

YD/T 6065-2024 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 security admission methods required for universal media wired networking nodes based on public telecommunications networks to establish a security domain (SD) and allow other universal media wired networking nodes to join the SD, including security admission based on media access control (MAC) authorization, push-button pairing, automatic pairing and security admission based on passphrases. This standard also clarifies the mechanism for selecting appropriate security admission methods and the interaction mechanism between different security admission methods. This standard applies to the development, production and testing of universal media wired networking nodes in public telecommunications network environments, and can also be used as a reference for private telecommunications networks.

YD/T 6065-2024 falls under ICS 33.040.50, in the field of telecommunications.

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

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

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 1092-2023 - Telecommunication cables - Foamed polyolefin dielectric, corrugated copper-tube outer conductor, 50 Ohm radio-frequency coaxial cable for wireless communications

YD/T 2165-2010 - Technical specification of modular uninterruptible power systems for telecommunications

YD/T 841-1996 - Underground communication pipe with plastic pipe

YD/T 2019.6-2026 - Test method for broadband customer networking based on public telecommunication network - Part 6: Fiber-To-The-Room (FTTR) residential equipment

YD/T 6063-2024 - Broadband service experience and network performance indicator testing method for small and micro enterprise office scenarios

YD/T 6062-2024 - Broadband service experience and network performance evaluation index system for small and micro enterprise office scenarios

5 Classification and status

International classification (ICS): 33.040.50

Chinese Standard Classification (CCS): M 42

Prefix YD/T: recommended standard.

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