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ICS 33.180
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4849-2024

Technical requirements for broadband service experience and network performance data collection for home networks

面向家庭网络的宽带业务体验和网络性能数据采集技术要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4849-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 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 technical requirements for the collection of broadband service experience indicators and network performance indicator-related data for home networks, including software interface requirements, collection protocols, data formats, equipment requirements, collection cycle requirements, and management and maintenance requirements. This standard applies to the development, production, and testing of broadband service experience and network performance collection equipment.

YD/T 4849-2024 falls under ICS 33.180, 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 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

GB/T 9771.1-2008 - Single-mode optical fibres for telecommunication -- Part 1: Characteristics of a dispersion unshifted single-mode optical fibre

GB/T 18480-2001 - Specification for submarine optical fiber cables

YD/T 4859.3-2026 - Single channel active optical cable transceiver - Part 3: 100Gb/s AOC

YD/T 4859.2-2025 - Single channel active optical cable transceiver - Part 2: 50Gb/s AOC

YD/T 4844-2024 - Synchronous Network Terms and Definitions

5 Classification and status

International classification (ICS): 33.180

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.

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