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ICS 33.040.20
CCS M33

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 4372-2023

## Sliced Packet Network (SPN) southbound interface technical requirements

切片分组网（SPN）南向接口技术要求

**(English Translation)**

**Issued on: July 28, 2023** **Implemented on: November 1, 2023**

**Issued by: Ministry of Industry and Information Technology**

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## 1 Foreword

YD/T 4372-2023 was issued by Ministry of Industry and Information Technology on 28 July 2023 and has been in force since 1 November 2023.

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 southbound interface of Slice Packet Network (SPN), including general technical requirements, network element and interface management, services, protocols, synchronization, alarms, performance, DCN and other interface requirements. This standard applies to the design and implementation of Slice Packet Network (SPN) equipment and the southbound interface of the SPN management and control system.

YD/T 4372-2023 falls under ICS 33.040.20, 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 4378.3-2026 - Coherent driver modulator subassembly - Part 3: 1.2Tb/s

YD/T 4375.4-2025 - Test methods for door access control of intelligent optical distribution network - Part 4: Interface

YD/T 4377.2-2024 - Optical transceiver module software management interface - Part 2: QSFP /QSFP28

## 5 Classification and status

International classification (ICS): 33.040.20

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.



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