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ICS 33.040.40
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4828.2-2024

Technical requirements for northbound interfaces of PTN/SPN network management and control systems for 5G transmission - Part 2: Collection interface

面向5G传输的PTN/SPN网络管控系统的北向接口技术要求 第2部分：采集接口

(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 4828.2-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

It is one of 2 parts of the YD/T 4828 series.

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.

2 Scope Preview

This standard specifies the collection interface of resource data, performance data and alarm data of the northbound interface of the packet transport network (PTN)/sliced ??packet network (SPN) network control system, the requirements of the operation instruction interface, the operation service interface, the resource data object, the performance data object, the alarm data object and other aspects. This standard is applicable to the design and implementation of the data collection interface of the northbound interface of the PTN/SPN network control system.

YD/T 4828.2-2024 falls under ICS 33.040.40, 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

Other parts of this standard:

YD/T 4828.1-2024 - Northbound interface technical requirements for PTN/SPN network management and control systems for 5G transmission - Part 1: Service configuration

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 4845-2024 - Technical requirements for 100ns-level high-precision time synchronization

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

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.

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