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ICS 33.040.20
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3688-2020

Technical requirements for software-defined packet transport network (SPTN) southbound interface

软件定义分组传送网（SPTN）南向接口技术要求

(English Translation)

Implemented on: July 1, 2020

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-3688-2020

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1 Foreword

YD/T 3688-2020 is issued by Ministry of Industry and Information Technology.

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 58 pages in English translation.

2 Scope Preview

This standard specifies the unified software-defined packet transport network (SPTN) southbound interface technical requirements, including: service model, QoS, OAM, protection, statistics, notification, synchronization, S-SCN, physical layer model and other specifications. This standard applies to PTN equipment and controller systems supporting the southbound interface of the software-defined packet transport network.

YD/T 3688-2020 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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Issued by: Ministry of Industry and Information Technology

English translation: about 58 pages (approximate)

Chinese original: about 86,849 characters

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 3692.3-2021 - Intelligent Optical Distribution Network Technical Requirements for Intelligent Access Control - Part 3: Intelligent Access Control Management Terminal and Application

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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