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ICS 33.040.50
CCS M32

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4114.3-2023

Optical Line Terminal (OLT) Virtualization Technical Requirements (Phase 1) - Part 3: VOMCI Module Southbound Interface

光线路终端（OLT）虚拟化技术要求（第一阶段） 第3部分：vOMCI模块南向接口

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4114-3-2023

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1 Foreword

YD/T 4114.3-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 2023.

It is one of 3 parts of the YD/T 4114 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 function definition, protocol stack and message format of the vOMCI module southbound interface. This standard is applicable to the R&D, testing and operation of PON system OLT virtualization in the public telecommunications network environment. Private telecommunications networks can also be used as a reference.

YD/T 4114.3-2023 falls under ICS 33.040.50, 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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English translation: about 15 pages (approximate)

4 Related standards

Other parts of this standard:

YD/T 4114.1-2022 - Part 1: General

YD/T 4114.2-2023 - Optical line terminal (OLT) virtualization technical requirements (Phase 1) - Part 2: VOMCI module northbound interface

Standards on related subjects:

YD/T 2375-2019 - Technical requirements for high accuracy time synchronization

JT/T 1076-2016 - GNSS System for Operating Vehicles - Technical Specifications for Vehicle Video Terminal

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

YD/T 4126-2023 - Data center infrastructure operation and maintenance personnel competency requirements

5 Classification and status

International classification (ICS): 33.040.50

Chinese Standard Classification (CCS): M 32

Prefix YD/T: recommended standard.

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