Chinastandards.org

ICS 33.040.50
CCS M42

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4838-2024

Information and communication network intelligent operation and management requirements and use cases Optical transmission network maintenance

信息通信网智能化运营管理需求与用例 光传送网络维护

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4838-2024

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Abbreviations
3.1 Terms and definitions
4 General
4.1 Test environment
4.2 UE Information
4.3 Test Implementation
5 Technical requirements

1 Foreword

YD/T 4838-2024 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 typical intelligent use cases in the maintenance process of optical transport networks, and based on this, summarizes the key functional requirements of intelligent optical transport network maintenance, including an overview of intelligent operation and management of optical transport networks, intelligent requirements for optical transport network maintenance, and typical scenarios of optical transport network operation and management. The optical transport network referred to in this standard includes optical transport networks and wavelength division multiplexing networks, and does not include packet transport networks and sliced ??packet networks, nor does it include SDH and multi-service transport platforms. This standard is applicable to the deployment and testing of technologies related to intelligent maintenance of optical transport networks.

YD/T 4838-2024 falls under ICS 33.040.50, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4838-2024

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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 1092-2023 - Telecommunication cables - Foamed polyolefin dielectric, corrugated copper-tube outer conductor, 50 Ohm radio-frequency coaxial cable for wireless communications

YD/T 2165-2010 - Technical specification of modular uninterruptible power systems for telecommunications

YD/T 841-1996 - Underground communication pipe with plastic pipe

YD/T 3296.1-2026 - Multicore and symmetrical pair outside plant cables for digital communications - Polyolefin Insulate - Part 1: Generic specification

YD/T 2019.7-2026 - Test method for broadband customer networking based on public telecommunication network - Part 7: Fiber-To-The-Room (FTTR) business equipment

YD/T 2019.6-2026 - Test method for broadband customer networking based on public telecommunication network - Part 6: Fiber-To-The-Room (FTTR) residential equipment

5 Classification and status

International classification (ICS): 33.040.50

Chinese Standard Classification (CCS): M 42

Prefix YD/T: recommended standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4838-2024