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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 5256-2023

Wavelength Switched Optical Network (WSON) Engineering Specifications

波长交换光网络（WSON）工程技术规范

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 5256-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 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 applies to the planning, design, construction, and acceptance of wavelength switched optical network (WSON) projects. It specifies technical requirements such as the basic structure and network model of the wavelength switched optical network (WSON), network design, equipment selection and configuration, equipment installation design, engineering testing and functional inspection, maintenance tools and instrument configuration, and project acceptance.

YD/T 5256-2023 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

Standards on related subjects:

CJ/T 188-2018 - Technical requirements of utility meters data transmission

YDC 079-2009 - Technical Specifications and Testing Methods of Wireless LAN for Mobile Terminals

YD/T 5259-2023 - Technical specifications for line automatic protection and switching engineering of optical fiber wavelength division system

YD/T 5253-2023 - Design specification for co-construction and sharing project of mobile communication system

YD/T 5252-2023 - Design specification for IP wide area network engineering based on SDN technology

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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