

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YD/T 4013.1-2022

**Metro N×25Gbit/s Wavelength Division Multiplexing (WDM)
System Technical Requirements - Part 1: General Technical
Requirements**

城域N×25Gbit/s波分复用（WDM）系统技术要求 第1部分：总体技术要求
(English Translation)

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What this standard covers

This standard specifies the overall technical requirements for metro Nx 25Gbit/s wavelength division multiplexing (WDM) systems, mainly including system architecture, system classification and application codes, system function and performance requirements, optical interface requirements, wavelength division multiplexing Device requirements, network management and control requirements, etc. This standard is applicable to the design, development and production of single-fiber bidirectional Nx 25Gbit/s WDM systems without amplifiers in scenarios such as 5G fronthaul applications, and dual-fiber bidirectional Nx 25Gbit/s WDM systems can also be implemented by reference.

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