

YD

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

YD/T 3964-2021

**Metropolitan area N?? 400Gbit/s optical wavelength division
multiplexing (WDM) system technical requirements**

城域 N × 400Gbit/s 光波分复用 (WDM) 系统技术要求

(English Translation)

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This standard specifies the technical requirements for wavelength division multiplexing (WDM) systems with a single channel rate of 400Gbit/s (including 2x 200Gbit/s super channels) in the C-band transmission, mainly including system classification, system parameter requirements, Optical transmission unit (OTU) technical requirements, forward error correction (FEC) function and performance requirements, technical requirements for wavelength division multiplexing devices, technical requirements for optical amplifiers, technical requirements for dynamic power control and gain equalization, optical add-drop multiplexers (OADM) technical requirements, system monitoring channel technical requirements, transmission function and performance requirements, network management system technical requirements and automatic power reduction (APR) process requirements, etc. This standard is applicable to the single-channel rate of 400Gbit/s within the metropolitan area, working

Document data

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