

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

YD/T 3402-2018

**Technical requirements for metro N×100Gbit/s wavelength
division multiplexing (WDM) systems**

城域N×100Gbit/s光波分复用（WDM）系统技术要求

(English Translation)

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What this standard covers

This standard specifies the technical requirements for the C-band transmission of a metropolitan area wavelength division multiplexing (WDM) system with a single path rate of 100 Gbit/s, including system classification, system parameter requirements, optical forwarding unit (OTU) technical requirements, and Error correction (FEC) function and performance requirements, technical requirements for wavelength division multiplexing devices, optical amplifier technical requirements, dynamic power control and gain equalization requirements, optical add/drop multiplexer (OADM) technical requirements, system monitoring path technology Requirements, transport capabilities and performance requirements, network management system technical requirements, and automatic power reduction (APR) process requirements. This standard is applicable to 80x100Gbit/s WDM systems operating in the C-band with a single-channel rate of 100Gbit/s in the metropolitan area. The 40x100Gbit/s WDM system can also be implemented.

Document data

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