

YD

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

YD/T 4019.1-2022

**25Gb/s wavelength division multiplexing (WDM) optical
transceiver module - Part 1: CWDM**

25Gb/s波分复用 (WDM) 光收发合一模块 第1部分: CWDM
(English Translation)

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What this standard covers

This standard specifies the terms, definitions, and abbreviations of the 25Gb/s CWDM optical transceiver module for wireless base stations, and specifies the optoelectronic characteristics, digital diagnosis and monitoring functions, external dimensions, and environmental compliance of the 25Gb/s CWDM optical module. It also describes the corresponding test methods, reliability test, electromagnetic compatibility test, inspection rules and marking, packaging, transportation and storage, etc. This standard is applicable to the design, development, production and inspection of 25Gb/s coarse wavelength division multiplexing optical transceiver modules for wireless base stations. Other application scenarios can also be used for reference.

Document data

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