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ICS 33.180.01
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3538.4-2023

400Gb/s intensity modulation pluggable optical transceiver module - Part 4: 2x200Gb/s

400Gb/s 强度调制可插拔光收发合一模块 第4部分：2×200Gb/s

(English Translation)

Issued on: July 28, 2023 **Implemented on: November 1, 2023**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-3538-4-2023

1 Foreword

YD/T 3538.4-2023 was issued by Ministry of Industry and Information Technology on 28 July 2023 and has been in force since 1 November 2023.

It is one of 4 parts of the YD/T 3538 series.

2 Scope

This standard specifies the abbreviations, terms and definitions of 400Gb/s intensity modulated pluggable optical transceiver modules based on 2*200Gb/s, and specifies the optoelectronic characteristics and packaging of 2*200Gb/s optical modules. Technical requirements such as form, appearance, software, and environmental compliance describe the corresponding test methods, reliability tests, electromagnetic compatibility tests, inspection rules, markings, packaging, transportation and storage, etc. This standard is applicable to the design of 2*200Gb/s optical modules consisting of two groups of 200Gb/s optical ports. Each group of 200Gb/s optical ports consists of four 4*50Gb/s multiplexers of different wavelengths. Development, production and testing.

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

Other parts of this standard:

YD/T 3538.1-2019 - 400Gbit / s intensity modulation pluggable optical transceiver integrated module Part 1: 16 ?? 25Gbit / s

YD/T 3538.2-2019 - 400Gbit / s intensity modulation pluggable optical transceiver integrated module Part 2: 8 x 50Gbit / s

YD/T 3538.3-2025 - 400Gb/s intensity modulation pluggable transceiver module - Part 3: 4x100Gb/s

5 Classification and status

International classification (ICS): 33.180.01

Chinese Standard Classification (CCS): M 33

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Prefix YD/T: recommended standard.

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