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ICS 33.180.01
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3713-2020

50Gb/s PAM4 modulated optical transceiver module

50Gb/s PAM4调制光收发合一模块

(English Translation)

Implemented on: July 1, 2020

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-3713-2020

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1 Foreword

YD/T 3713-2020 is issued by Ministry of Industry and Information Technology.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 24 pages in English translation.

2 Scope Preview

This standard specifies the abbreviations, terms and definitions, technical requirements, test methods, reliability tests, electromagnetic compatibility tests, inspection rules, marking, packaging, transportation and storage of the 50Gb/s four-level pulse amplitude modulation optical transceiver module Require. This standard applies to 50Gb/s four-level pulse amplitude modulation (PAM4) pluggable optical transceiver modules.

YD/T 3713-2020 falls under ICS 33.180.01, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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Issued by: Ministry of Industry and Information Technology

English translation: about 24 pages (approximate)

Chinese original: about 35,398 characters

4 Related standards

Standards on related subjects:

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

GB/T 9771.1-2008 - Single-mode optical fibres for telecommunication -- Part 1: Characteristics of a dispersion unshifted single-mode optical fibre

GB/T 18480-2001 - Specification for submarine optical fiber cables

YD/T 3714.3-2026 - In-service fiber monitoring OTDR module - Part 3: Interface Protocol

YD/T 3712.2-2026 - 200Gb/s intensity modulation optical transceiver module - Part 2: 1x200Gb/s

YD/T 3714.2-2023 - Optical cable online monitoring OTDR module - Part 2: For PON system

5 Classification and status

International classification (ICS): 33.180.01

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.

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