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ICS 33.180.01
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3712.1-2020

200Gb/s intensity modulation optical transceiver module - Part 1: 4 x 50Gb/s

200Gb/s强度调制光收发合一模块 第1部分：4×50Gb/s

(English Translation)

Implemented on: July 1, 2020

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 30 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-3712-1-2020

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Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Abbreviations
3.1 Terms and definitions
4 General
4.1 Test environment
4.2 UE Information
4.3 Test Implementation
5 Technical requirements

1 Foreword

YD/T 3712.1-2020 is issued by Ministry of Industry and Information Technology.

It is one of 2 parts of the YD/T 3712 series.

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.

2 Scope Preview

This standard specifies the abbreviations, terms and definitions, technical requirements, test methods, reliability tests, electromagnetic compatibility tests, inspection rules of 200Gb/s intensity modulation pluggable optical transceiver modules based on 4x 50Gb/s, marking, packaging, transportation and storage requirements. This standard applies to 4x50Gb/s four-level pulse amplitude modulation (PAM4) intensity modulation pluggable optical transceiver modules.

YD/T 3712.1-2020 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.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 30 pages (approximate)

Chinese original: about 44,449 characters

4 Related standards

Other parts of this standard:

YD/T 3712.2-2026 - Part 2: 1x200Gb/s

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 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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