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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 1182-2002

Technical Conditions of The 2.5Gb/s Nominal Central Wavelength Optical Transmitter Modules Used in DWDM System

2.5Gb/s DWDM用特定波长光发射模块技术条件

(English Translation)

Issued on: February 1, 2002 **Implemented on: February 1, 2002**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 4 shown, 9 in the full document. Complete English PDF, instant download:
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Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Term
3 Terms and Definitions
3.2 Abbreviations
3.3 Specifications
3.4 Product model and designation
3.5 Product marking
4 Product Classification
4.1 General
4.2 Model and name
4.3 Test Waveform
4.4 Product labelling
5 Requirements
5.2 Chemical components
5.3 SPD Disconnector Inspection
5.4 Environmental protection property
5.5 Material compatibility
5.6 Spurious emission
5.7 Transmit Spectrum Mask
5.8 Time of Rising Edge and Falling Edge
5.9 In-band Flatness
6 Test methods
6.2 Term restrictions
6.3 End-of-manufacturing inspection
6.4 Type inspection
6.5 Phone Program
6.6 OTASP/OTAPA Function
6.7 Processing of PIN
6.8 Fixed Dialing Number (FDN)
6.9 Abbreviated Dialing Number (ADN)

Preview: page 2 of 4 shown, 9 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-1182-2002

7 Inspection Rules
7.1 Packaging
7.2 Marking
7.3 Transport
7.4 Storage
7.5 Safety Test for Temporary Overvoltage Failure
7.6 Test of Temporary Overvoltage Withstand Characteristic
7.7 SPD Thermal Stability Test
8 Marking, Packing, Transport and Storage
8.1 Voltage Drop Test
8.2 Surge Withstand Capability at Load side
8.3 Short-circuit Withstand Capability at Load Side
9 Environmental Applicability Test
9.1 Vibration Test
9.2 High Temperature Test
9.3 Low Temperature Test
9.4 Alternating Humid Heat Test
9.5 Performance requirements for radio resource management

1 Foreword

YD/T 1182-2002 was issued by Ministry of Industry and Information Technology on 1 February 2002 and took effect the same day.

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 9 pages in English translation.

2 Scope Preview

This standard specifies the limited optical channel spacing of 100GHz optional specific wavelength, long distance 2. 5Gb/s DWDM optical transmitter module with a specific wavelength of the main function, the reference frequency, location of a specific wavelength, nominal center wavelength interval, the main technical requirements photoelectric and testing methods, but also provides 2. 5Gb/s DWDM wavelength optical transmitter module with a specific reliability test methods. This standard applies to long haul DWDM optical communication systems used for key components transmission rate of 2. 488320 Gb/s, a

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https://chinastandards.org/standards/yd-t-1182-2002

specific wavelength of light (or nominal wavelength) is selected as 1529. 55 ~ 1560. 61nm optical parameters of the optical transmitter module testing and inspection methods. Other middle distance 2. 5Gb/s DWDM system uses a specific wavelength optical transmitter module can also refer to this standard.

YD/T 1182-2002 is filed under Chinese Standard Classification M33, in the field of telecommunications and broadcasting.

This catalogue holds 2,288 other YD/T standards without an ICS number.

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

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 9 pages (approximate)

Chinese original: about 14,169 characters

4 Related standards

Standards on related subjects:

YD/T 1118.3-2018 - Secondary coating materials used for optical fiber - Part 3: Modified polycarbonate

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 1181.7-2022 - Characteristics of non-metallic strength members for optical cables - Part 7: Fiber-reinforced plastic flexible rods

YD/T 1181.2-2021 - Characteristics of non-metal reinforcement for optical fiber cables - Part 2: Aramid yarns

YD/T 1181.6-2020 - Characteristics of non-metallic reinforcements for optical cables - Part 6: Fiberglass tape

5 Classification and status

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.

Preview: page 4 of 4 shown, 9 in the full document. Complete English PDF, instant download:
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