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ICS 33.180.20
CCS M33

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 2618.1-2013

## Technical specification of 40Gb/s phase modulation formats optical transponder. Part 1: Differential Phase Shift Keying (DPSK) modulation

40Gb/s相位调制光收发合一模块技术条件 第1部分：差分相移键控（DPSK）调制

**(English Translation)**

**Issued by: Ministry of Industry and Information Technology**

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## 1 Foreword

YD/T 2618.1-2013 was issued by Ministry of Industry and Information Technology on 17 October 2013.

It is one of 3 parts of the YD/T 2618 series.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

GB/T 2828.1-2003

GB 9254-2008

GB/T 17626.3-2006

YD/T 1111.1-2001 - Technical Requirements of SDH Optical Transmitter/Optical Receiver Modules. 2.488320 Gb/s Optical Receiver Modules

YD/T 1111.2-2001 - Technical Requirements of SDH Optical Transmitter/Optical Receiver Modules. 2.488320 Gb/s Optical Transmitter Modules

YD/T 1991-2009

YD/T 2492-2013 - Technical specification of 40Gb/s intensity modulation optical transponder

SJ/T 11363-2006 - Requirements for concentration limits for certain hazardous substances in electronic information products

SJ/T 11364-2006

SJ/T 11365-2006

ITU-T G.694.1

IEC 61000-4-2-2008

MIL-STD-202G

MIL-STD-883H

OIF-SFI5-01.0



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## 3 About this standard

Issued by: Ministry of Industry and Information Technology

English translation: about 22 pages (approximate)

## 4 Related standards

Other parts of this standard:

YD/T 2618.2-2013 - Part 2: Differential quadrature phase shift keying (DQPSK) modulation formats

YD/T 2618.3-2014 - 40Gb/s phase modulation formats optical transponder Part 3: Coherent reception and dual-polarization quadrature phase shift keying

## 5 Classification and status

International classification (ICS): 33.180.20

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.



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