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ICS 33.180.01
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 2796.6-2023

Parallel transmission active optical cable optical module - Part 6: 800Gb/s AOC

并行传输有源光缆光模块 第6部分：800Gb/s AOC

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-2796-6-2023

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1 Foreword

YD/T 2796.6-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

It is one of 6 parts of the YD/T 2796 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 of 800Gb/s parallel transmission active optical cable optical modules (hereinafter referred to as 800Gb/s AOC), and specifies the characteristic parameters, packaging form, appearance and environmental compliance of 800Gb/s AOC and other technical requirements, describing the corresponding test methods, reliability tests, electromagnetic compatibility tests, inspection rules, marking, packaging, transportation and storage, etc. This standard applies to the design, development, production and inspection of 800Gb/s AOC.

YD/T 2796.6-2023 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 15 pages (approximate)

4 Related standards

Other parts of this standard:

YD/T 2796.1-2015 - Active Optical Cable parallel transmission optical module Part 1: 4x10Gb / s AOC

YD/T 2796.2-2016 - Parallel active optical cable transceiver used in communication - Part 2: 12??10Gbit/s CXP AOC

YD/T 2796.3-2018 - Parallel active optical cable transceiver -- Part 3: 4??25Gb/s AOC

YD/T 2796.4-2020 - Part 4: 200Gb/s AOC

YD/T 2796.5-2021 - Parallel Transmission Active Optical Cable Optical Module - Part 5: 400Gb/s AOC

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

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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