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ICS 33.180.01
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4305.4-2024

Optical-electrical hybrid connectors for communications - Part 4: Type XC

通信用光电混合活动连接器 第4部分：XC型

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4305.4-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

It is one of 4 parts of the YD/T 4305 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 classification of XC type optoelectronic hybrid connectors for communication, the graphics and matching dimensions of the interface, the end face, optical performance, electrical performance and other requirements, and specifies the corresponding test methods, quality assessment procedures, inspection rules and other contents. This standard applies to the design, development, production and inspection of XC type optoelectronic hybrid connectors for communication in application scenarios such as campus/indoor wireless, office, and monitoring, and XC type optoelectronic hybrid connectors used in other scenarios can also be used for reference.

YD/T 4305.4-2024 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 4305.1-2023 - Hybrid optoelectronic connectors for communication - Part 1: Type SC

YD/T 4305.2-2024 - Part 2: Duplex LC type

YD/T 4305.3-2025 - Optical-electric hybrid connector for telecommunication - Part 3: Type single LC

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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