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ICS 33.180.01
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3714.2-2023

Optical cable online monitoring OTDR module - Part 2: For PON system

光缆在线监测OTDR模块 第2部分：PON系统用

(English Translation)

Issued on: July 28, 2023 **Implemented on: November 1, 2023**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 3714.2-2023 was issued by Ministry of Industry and Information Technology on 28 July 2023 and has been in force since 1 November 2023.

It is one of 3 parts of the YD/T 3714 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 terms and definitions of optical time domain reflectometer (OTDR) modules for online monitoring of optical cables used in passive optical network (PON) systems, and specifies the functions, parameter configuration, optoelectronic characteristics, appearance, environmental compliance, laser Safety and other technical requirements describe 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 online OTDRs for PON systems.

YD/T 3714.2-2023 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 3714.1-2020 - Part 1: For DWDM system

YD/T 3714.3-2026 - In-service fiber monitoring OTDR module - Part 3: Interface Protocol

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 3712.2-2026 - 200Gb/s intensity modulation optical transceiver module - Part 2: 1x200Gb/s

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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