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ICS 31.220.10
CCS M42

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4083-2022

Connectors for symmetrical cables for digital communications - Part 1: General

数字通信对称电缆用连接器 第1部分：总则

(English Translation)

Issued on: September 30, 2022

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4083-2022

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1 Foreword

YD/T 4083-2022 was issued by Ministry of Industry and Information Technology on 30 September 2022.

It is one of 3 parts of the YD/T 4083 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, product classification and nomenclature, requirements and test methods for connectors for digital communication symmetrical cables. This standard applies to the design, development, production and acceptance of connectors for digital communication symmetrical cables in structured integrated cabling systems for information and communication infrastructure.

YD/T 4083-2022 falls under ICS 31.220.10, in the field of electronics.

This catalogue holds 5 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 4083.2-2024 - Part 2: 8-way RJ45 type unshielded flexible and fixed connectors

YD/T 4083.3-2025 - Symmetrical cable connectors for digital communications - Part 3: RJ45 type for 8-way free and fixed shielded connectors

Standards on related subjects:

YD/T 1092-2023 - Telecommunication cables - Foamed polyolefin dielectric, corrugated copper-tube outer conductor, 50 Ohm radio-frequency coaxial cable for wireless communications

YD/T 2165-2010 - Technical specification of modular uninterruptible power systems for telecommunications

YD/T 841-1996 - Underground communication pipe with plastic pipe

YD/T 4084-2022 - Cable branch box for Remote Radio Unit (RRU)

5 Classification and status

International classification (ICS): 31.220.10

Chinese Standard Classification (CCS): M 42

Prefix YD/T: recommended standard.

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