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ICS 31.220.10
CCS L23

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4083.3-2025

Symmetrical cable connectors for digital communications - Part 3: RJ45 type for 8-way free and fixed shielded connectors

数字通信对称电缆用连接器 第3部分：8通道RJ45型屏蔽活动和固定连接器

(English Translation)

Issued on: July 2, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4083-3-2025

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1 Foreword

YD/T 4083.3-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 November 2025.

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 product classification, requirements, test methods, inspection rules, packaging, transportation, storage, installation, and usage conditions for 8-channel RJ45 shielded active and fixed connectors for digital communication symmetrical cables. This standard applies to the design, development, production, and acceptance of 8-channel RJ45 shielded active and fixed connectors for digital communication symmetrical cables in integrated information and communication cabling systems.

YD/T 4083.3-2025 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 4083-2022 - Connectors for symmetrical cables for digital communications - Part 1: General

YD/T 4083.2-2024 - Connectors for symmetrical cables for digital communications - Part 2: 8-way RJ45 type unshielded flexible and fixed connectors

Standards on related subjects:

GB/T 17737.100-2018 - Coaxial communication cables -- Part 1-100: Electrical test methods -- General requirements

GB/T 21711.1-2008 - Electromechanical elementary relays -- Part 1: General and safety requirements

YD/T 1272.7-2025 - Optical fiber connector - Part 7: Type UC

5 Classification and status

International classification (ICS): 31.220.10

Chinese Standard Classification (CCS): L 23

Prefix YD/T: recommended standard.

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