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ICS 33.040
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 5253-2023

Design specification for co-construction and sharing project of mobile communication system

移动通信系统共建共享工程设计规范

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-5253-2023

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1 Foreword

YD/T 5253-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 2023.

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.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard applies to the co-construction and sharing design of mobile communication systems, including the co-construction and sharing of mobile communication systems and communication infrastructure. The main contents include the general requirements for the co-construction and sharing engineering design of mobile communication systems, the co-construction and sharing design of wireless networks, the co-construction and sharing design of transmission networks, the co-construction and sharing design of core networks, the co-construction and sharing design of infrastructure, as well as safety, energy saving, environmental protection, and prevention. Lightning grounding, earthquake resistance requirements, etc.

YD/T 5253-2023 falls under ICS 33.040, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

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In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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

Standards on related subjects:

CJ/T 188-2018 - Technical requirements of utility meters data transmission

YDC 079-2009 - Technical Specifications and Testing Methods of Wireless LAN for Mobile Terminals

YD/T 5259-2023 - Technical specifications for line automatic protection and switching engineering of optical fiber wavelength division system

YD/T 5256-2023 - Wavelength Switched Optical Network (WSON) Engineering Specifications

YD/T 5252-2023 - Design specification for IP wide area network engineering based on SDN technology

5 Classification and status

International classification (ICS): 33.040

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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