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ICS 33.060
CCS M36

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 3851-2021

## LTE-based trunking communication (B-TC) system (second stage) interface technology requires terminal-to-core network interface technology

基于LTE技术的宽带集群通信（B-TrunC）系统（第二阶段）接口技术要求 终端到集群核心网接口

**(English Translation)**

**Implemented on: April 1, 2021**

**Issued by: Ministry of Industry and Information Technology**

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https://chinastandards.org/standards/yd-t-3851-2021

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## 1 Foreword

YD/T 3851-2021 is issued by Ministry of Industry and Information Technology.

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 specifies the technical requirements for the terminal to cluster core network interface of the Broadband Trunking Communication (B-TrunC) system (second phase) based on LTE technology, including the interface model, TSM state machine, EMM cluster enhancement, TSM signaling process, NAS signaling message format, NAS signaling unit, NAS signaling message transmission, timer, etc. This standard applies to terminals and cluster core network equipment of the Broadband Trunking Communication (B-TrunC) system (second phase) based on LTE technology.

YD/T 3851-2021 falls under ICS 33.060, 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

Standards on related subjects:

YD/T 3711-2020 - Technical requirement of IMS based vehicle eCall system based on public telecommunication network

GB/T 32401-2015 - Technical requirements and measurement methods for VHF/UHF frequency

GB/T 12572-2008 - Universal requirements and measurement methods of parameters for radio transmitting equipment

YD/T 3852-2021 - LTE-based trunking communication (B-TC) system (stage 2) interface technology requires the interface between the base station and the core network

YD/T 3850-2021 - LTE technology-based broadband communication (B-TC) system (second stage) interface technology requirements air interface

YD/T 3849-2021 - LTE digital cellular phone mobile communication network dedicated core network (DCN) equipment

## 5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.



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