Chinastandards.org

ICS 33.160

GY

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GY/T 180-2001

Technical specifications of HFC network physical upstream transmission path

HFC网络上行传输物理通道技术规范

(English Translation)

Issued by: State Administration of Radio and Television

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gy-t-180-2001

Chinastandards.org

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Terms, definitions and abbreviations
3.1 Terms and definitions
3.2 Acronyms
4 Technical Requirements
4.1 Protocol Stack
4.2 MAC Forwarder
4.3 Network Layer
4.4 Above the network layer
4.5 Data link layer
4.6 Physical layer
5 Physical Media Compliance Sublayer (PMD) Specification
5.1 Uplink
5.2 Downstream
6 Downlink Transmission Convergence Sublayer
6.1 MPEG packet format
6.2 MPEG packet header for HFC data transmission
6.3 MPEG Payload
6.4 Interaction with the MAC sublayer
6.5 Interaction with the physical layer
6.6 MPEG packet header synchronization and recovery
6.7 Copyright
6.8 Languages
6.9 Date
7 Technical requirements for media access control
7.1 Introduction
7.2 MAC frame format
7.3 MAC Management Messages
7.4 Creators
7.5 Other responsible persons

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gy-t-180-2001

7.6 Publisher
7.9 Types
8 Media Access Control Protocol Operation
8.1 Titles
8.2 Themes
8.3 Description
8.4 Format
8.5 Association
9 Lens layer metadata items

1 Foreword

GY/T 180-2001 was issued by State Administration of Radio and Television on 22 November 2001.

The GY/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

GY/T 180-2001 falls under ICS 33.160, in the field of telecommunications.

This catalogue holds 57 other GY/T standards in that field.

In this catalogue, GY/T standards carry edition years from 1989 to 2026.

3 About this standard

Issued by: State Administration of Radio and Television

English translation: about 15 pages (approximate)

4 Classification and status

International classification (ICS): 33.160

Prefix GY/T: recommended standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gy-t-180-2001