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ICS 33.120.20
CCS K13

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 1281-2003

Local telecommunications cable for broadband applications, polyolefin insulated copper conductors, laminated aluminium polyethylene sheath

适于宽带应用的铜芯聚烯烃绝缘铝塑综合护套市内通信电缆

(English Translation)

Issued on: July 7, 2003 **Implemented on: July 7, 2003**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 1281-2003 was issued by Ministry of Industry and Information Technology on 7 July 2003 and took effect the same day.

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 provides for broadband applications Copper polyolefin insulated aluminum sheathed local communication cable requirements, test methods, inspection rules, marking, packaging and storage, etc. This standard specifies the maximum transmission frequency cables are 30MHz and 100MHz. This standard is applicable for broadband applications Copper polyolefin insulated aluminum sheathed local communication cable manufacture, acceptance and use. The cables are suitable for remote optical network unit to the transmission system between users, as well as building cabling system transmission between building subsystems.

YD/T 1281-2003 falls under ICS 33.120.20, 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)

Chinese original: about 22,220 characters

4 Related standards

Standards on related subjects:

GB/T 2951.21-2008 - Common test methods for insulating and sheathing materials of electric and optical cables -- Part 21: Methods specific to elastomeric compounds -- Ozone resistance, hot set and mineral oil immersion tests

GB/T 2951.11-2008 - Common test methods for insulating and sheathing materials of electric and optical cables -- Part 11: Methods for general application -- Measurement of thickness and overall dimensions -- Tests for determining the mechanical properties

GB/T 3048.1-2007 - Test methods for electrical properties of electric cables and wires - Part 1: General

YD/T 1667-2025 - Telecommunication cables - Foamed polyolefin dielectric, smooth or knurl copper ??aluminum?? -tube outer conductor?? 50 Ohm radio-frequency coaxial cable for wireless communications

YD/T 2651-2024 - Communication Cable - Polytetrafluoroethylene insulated radio frequency coaxial cable - Solid Insulation Braided Tinned Outer Conductor Type

YD/T 1173-2024 - Flame retardant and fire resistant flexible cable for communication power supply

5 Classification and status

International classification (ICS): 33.120.20

Chinese Standard Classification (CCS): K 13

Prefix YD/T: recommended standard.

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