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ICS 83.080.20
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3718-2020

Low-smoke and low-halogen flame-retardant soft polyvinyl chloride plastic for communication cable and optical cable

通信电缆光缆用低烟低卤阻燃软聚氯乙烯塑料

(English Translation)

Implemented on: July 1, 2020

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-3718-2020

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1 Foreword

YD/T 3718-2020 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 13 pages in English translation.

2 Scope Preview

This standard specifies the classification, requirements and test methods of low-smoke, low-halogen and flame-retardant soft polyvinyl chloride plastics (hereinafter referred to as polyvinyl chloride plastics or PVC) for communication cables and optical cables (which can also be used for wires and cables with a rated voltage of 1 kV and below), inspection rules and marking, packaging, transportation and storage. This standard applies to low-smoke, low-halogen, and flame-retardant flexible PVC plastics for communication cables and optical cables (and also for wires and cables with rated voltages of 1 kV and below).

YD/T 3718-2020 falls under ICS 83.080.20, in the field of rubber and plastics industries.

This catalogue holds 1 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 13 pages (approximate)

Chinese original: about 19,184 characters

4 Related standards

Standards on related subjects:

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

GB/T 9771.1-2008 - Single-mode optical fibres for telecommunication -- Part 1: Characteristics of a dispersion unshifted single-mode optical fibre

GB/T 18480-2001 - Specification for submarine optical fiber cables

YD/T 3714.3-2026 - In-service fiber monitoring OTDR module - Part 3: Interface Protocol

YD/T 3712.2-2026 - 200Gb/s intensity modulation optical transceiver module - Part 2: 1x200Gb/s

YD/T 3714.2-2023 - Optical cable online monitoring OTDR module - Part 2: For PON system

5 Classification and status

International classification (ICS): 83.080.20

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.

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