

Telecommunications Cable

This cable transmits audio and analog signals of 150kHz and below, as well as digital signals of 2048kbit/s and below. It is suitable for overhead piping, overhead, buried, and underwater applications.

市内通信电缆

本产品适用于传输频率：150kHz及以下的音频信号和2048kbit/s及以下的数字信号，且适用于架空、直埋、水下敷设。符合GB/T 13801-2008标准。

电缆规格表

电缆型号	导体标称截面	导体根数	芯、内、外、护、层	重量 (kg/km)	长度 (m)
HYA	2.0	4	—	—	—
HYFA	2.0	4	—	—	—
HYPA	2.0	4	—	—	—
HYAT	2.0	4	—	—	—
HYFAT	2.0	4	—	—	—
HYPAT	2.0	4	—	—	—
HYA53	2.0	4	—	—	—
HYAT53	2.0	4	—	—	—
HYFAT53	2.0	4	—	—	—
HYPAT53	2.0	4	—	—	—
HYA23	2.0	4	—	—	—
HYAT23	2.0	4	—	—	—
HYFAT23	2.0	4	—	—	—
HYPAT23	2.0	4	—	—	—
HYA33	2.0	4	—	—	—
HYAT33	2.0	4	—	—	—
HYAT43	2.0	4	—	—	—

备注：1. 本产品符合GB/T 13801-2008标准。2. 本产品适用于传输频率：150kHz及以下的音频信号和2048kbit/s及以下的数字信号。3. 本产品适用于架空、直埋、水下敷设。4. 本产品符合GB/T 13801-2008标准。

Product Overview

High-Performance Telecommunications Cable

This versatile telecommunications cable is designed for the reliable transmission of audio, analog signals up to 150kHz, and digital signals up to 2048kbit/s, with capabilities for higher data rates under specific conditions. Engineered for durability and flexibility, it is suitable for a wide range of deployment scenarios including overhead piping, direct burial, and underwater installations. The cable features robust construction options to ensure signal integrity across various environmental conditions.

Technical Specifications

Insulation Resistance

10000 MΩ·m Non-filled Cable	3000 MΩ·m Filled Cable
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Operating Temperature	-30°C to 60°C
Minimum Laying Temperature	-5 °C

Cable Construction

Supported Models

- HYA
- HYFA
- HYPA
- HYAT
- HYFAT
- HYPAT
- HYA53
- HYAT53
- HYFAT53
- HYPAT53
- HYA23
- HYAT23
- HYFAT23
- HYPAT23
- HYA33
- HYAT33
- HYAT43

Available Cable Types	Without sheathe, Self-supporting, With sheathe, Single wrinkle lapper (steel tape), Double layer lapper (steel tape), Single thin steel wire lapper, Single thick steel wire lapper
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Applications

Recommended Installation Sites

Overhead Piping • Overhead • Buried • Underwater

Performance Data

Electrical Performance Metrics

Wire Diameter (mm)	Max DC Resistance (Ω/m)
0.4	148
0.5	95
0.6	65.8
0.8	36.6