

# 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。它适用于架空、直埋、水下敷设。

(适用于直埋敷设)

**电缆规格表**

电缆型号	芯数	导体截面	护套厚度	重量	长度	备注
HYA	24	0.5	1.2	1.2	1000	普通型
HYFA	24	0.5	1.2	1.2	1000	扁平型
HYPA	24	0.5	1.2	1.2	1000	普通型
HYAT	24	0.5	1.2	1.2	1000	普通型
HYFAT	24	0.5	1.2	1.2	1000	普通型
HYPAT	24	0.5	1.2	1.2	1000	普通型
HYA53	24	0.5	1.2	1.2	1000	普通型
HYAT53	24	0.5	1.2	1.2	1000	普通型
HYFAT53	24	0.5	1.2	1.2	1000	普通型
HYPAT53	24	0.5	1.2	1.2	1000	普通型
HYA23	24	0.5	1.2	1.2	1000	普通型
HYAT23	24	0.5	1.2	1.2	1000	普通型
HYFAT23	24	0.5	1.2	1.2	1000	普通型
HYPAT23	24	0.5	1.2	1.2	1000	普通型
HYA33	24	0.5	1.2	1.2	1000	普通型
HYAT33	24	0.5	1.2	1.2	1000	普通型
HYA43	24	0.5	1.2	1.2	1000	普通型

**备注：**1. 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。2. 本产品适用于架空、直埋、水下敷设。

## 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

<b>10000 MΩ·m</b> Non-filled Cable	<b>3000 MΩ·m</b> Filled Cable
---------------------------------------	----------------------------------

<b>Operating Temperature</b>	-30°C to 60°C
<b>Minimum Laying Temperature</b>	-5 °C

## Cable Construction

### Supported Models

- HYA
- HYFA
- HYPA
- HYAT
- HYFAT
- HYPAT
- HYA53
- HYAT53
- HYFAT53
- HYPAT53
- HYA23
- HYAT23
- HYFAT23
- HYPAT23
- HYA33
- HYAT33
- HYA43

<b>Available Cable Types</b>	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
------------------------------	---

## 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