

USB3.0 Specification Extension

Cable IT-UAX

No1.Product Description

In order to solve the problems of stability, compatibility and limited distance when USB transmits signals. The company launched USB3.0 extension cable. The built-in amplifier chip extends the cable data and signal transmission by adding chips in the middle of the cable and USB3.0 female connector. It supports USB3.0 protocol, length customization and shell customization. It is the most mature USB data transmission solution on the market. The product diagram is shown in Figure1 below.



Figure 1

No2.Product features

1. Multi-layer shielding anti-interference, transmission is not distorted.
2. Built-in amplifying chip.

3. The production is simple and fast, can be mass-produced, and has strong operability.
4. Support long-distance transmission, up to 20 meters transmission.
5. Support hot swap.

No3.Specification parameters

The specification parameters of USB3.0 amplification extension line are shown in Table 1 below.

Table 1

Connector Type	USB3.0 Type A Male ,Type A Female
Transmission bandwidth	5Gbps
Support function	Support USB3.0, compatible with USB2.0, USB1.1
Support agreement	USB3.0
Signal amplifier	5-8m 1pcs, 10-15m 2pcs, 20m 3pcs, 25m-30m 4pcs
Operating temperature	-20°C to 70°C
Working voltage	5V/900mA
Power supply	It depends on whether the device requires additional power supply.
Transmission distance	5m-30m optional (above 5 meters plus amplifier)

No4.Cable specification (Figure 2)

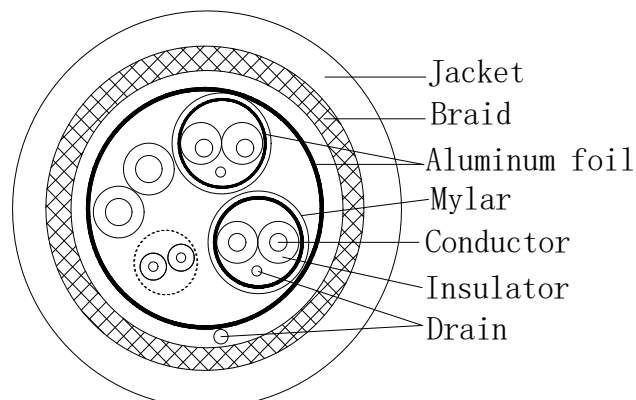


Figure 2

No5.Application scenario

1. Applied to security cameras
2. Extended data storage
3. Car data transmission
4. Digital home theater
5. Printers, computers and other products