

Datasheet: Specification



Description

The USB 3.1 Type C AOC is the first Gen2 active optical cable in the market. Super speed data transmission depending on optical fiber , not only its support length become much longer up to 30m max, but also signal quality is much more stable , no EMI completely, especially can support 10Gbps super speed , meets USB3.1 gen2 standard . It is a mature & competitive solution in the high speed data transmission market. This optical fiber cable can be applied to computer with USB type C interface, Wearable tech, Cameras, Display, Projectors.. among them, used for DATA transmission.

Key Features

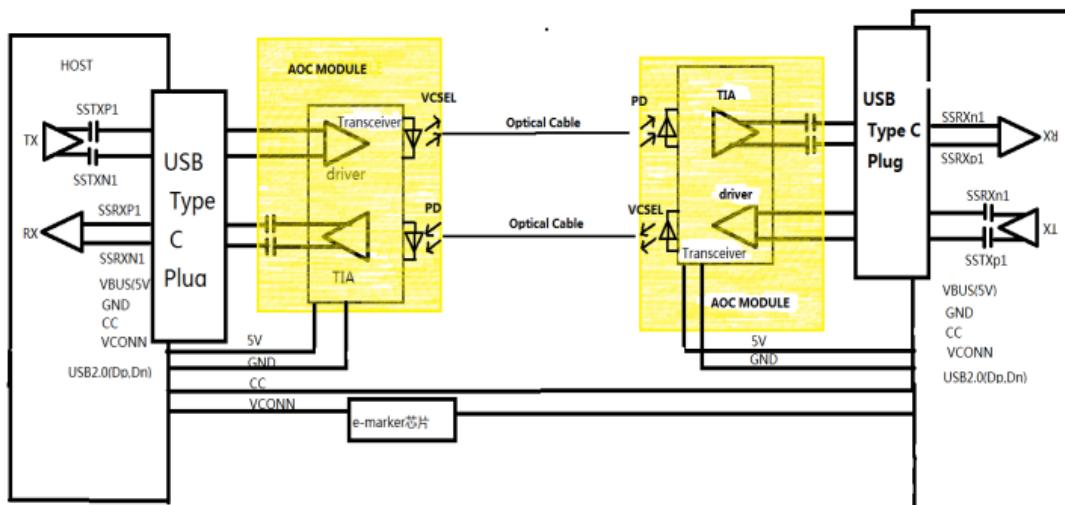
1. Meet USB 3.1 Gen2 Standard , bandwidth can reach to 10Gbps super speed;
2. Support length up to 30m. (Custom length is available);
3. Hybrid optical cable with fiber and copper wire;
4. Support two sides plug and play;
5. Can provide 5V 800mA power maximum to the remote device;
6. No RF interference, working stable in complex environments.

Specifications

Specification of USB 3.1 Type C AOC is as follows:

| Item | Description |
|------------------------|----------------|
| Connector Type | USB Type C |
| Bandwidth | 10Gbps |
| Power Consumption | ≤0.5W |
| Supported Distance | 30m |
| Operating Temperature | -40°C ~ +70 °C |
| Flammability | UL13 Standard |
| Environment Protection | ROHS |

Structure



How USB 3.1 Type C AOC Works

Application

USB 3.1 Type C AOC is used for Mobile terminal , for example , Mobile Phone , PC, Power Bank , U Disk , Cameras , Wearable devices , also can be applicable to Home Theatre , Medical Imaging Equipment , LED signboards in streets and in stadiums, TV broadcast Station, Airplane On-board Video System , Conference Room, Digital Signage...etc.

