

SPECIFICATIONS



TA-CP200 SERIES

USB 3.2 C to C AOC Data Only

(downward compatible with USB 2.0)

Descriptions

Techaagam's USB 3.2 Type C - Type C AOC is a hybrid copper and fiber cable in the market. It supports 10Gbps super speed, meets USB 3.2 Gen 2 standard, can be downward compatible with USB 2.0, and supports a max of 50m. It is a mature & competitive solution in the high-speed data transmission market.

Key Features

- ♦ Meet USB 3.2 Gen2 Standard , bandwidth can reach to 10Gbps super speed;
- ♦ Support USB2.0 480Mbps , Do not support USB1.1;
- ♦ Hybrid copper and fiber cable, anti-interference, no radiation, strong resistance to EMI;
- ♦ Standard USB Type C interface;
- ♦ 850nm VCSEL and PIN photodetector;
- ♦ Plug and play, support hot plug;
- ♦ Cable OD less than $\Phi 4.5$ mm, lighter application;
- ♦ No external power supply required;
- ♦ Support 5V900mA power maximum to the remote device;
- ♦ Applicable length : 50 meter max , support other distance customization ;
- ♦ Host and Remote devices need to be self-powered.

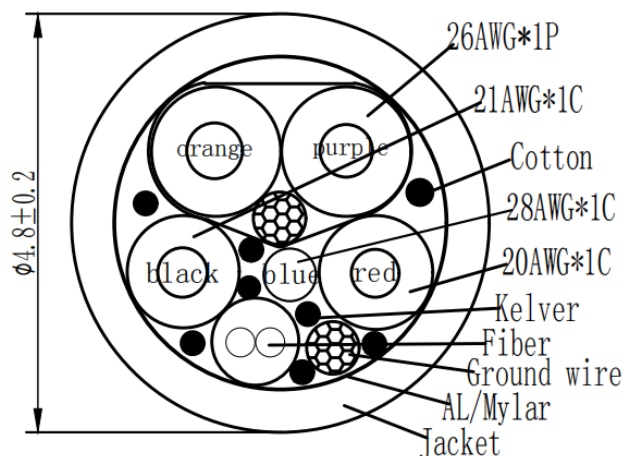
Applications

USB Type C AOC is used for conference rooms, digital signage etc

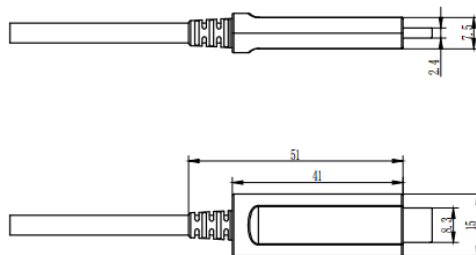
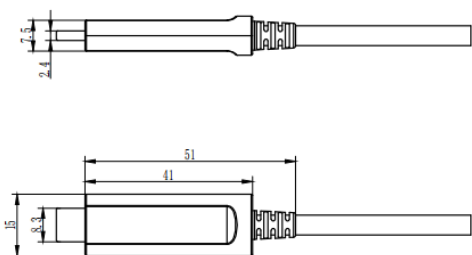
Specifications

Item	Description
Connector Type	USB Type C Male ; USB Type C Male
Bandwidth	USB 3.2 Gen2 , 10Gbps
Power Consumption	$\leq 0.5W$
Supported Distance	50m
Operating Temperature	$-40^{\circ}C \sim +70^{\circ}C$
Flammability	UL13 Standard
Environment Protection	ROHS

Hybrid Cable Profile



Drawing



Available lengths:

Part Number	Description
TA-CP200Z	USB 3.2 C-C AOC backward compatible, 10Gbps, L=7.5m
TA-P200A	USB 3.2 C-C AOC backward compatible, 10Gbps, L=10m
TA-CP200B	USB 3.2 C-C AOC backward compatible, 10Gbps, L=15m
TA-CP200C	USB 3.2 C-C AOC backward compatible, 10Gbps, L=20m
TA-CP200D	USB 3.2 C-C AOC backward compatible, 10Gbps, L=30m
TA-CP200E	USB 3.2 C-C AOC backward compatible, 10Gbps, L=50m