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NEO by Oyaide d+USB Type-A to C 2m



Šifra: 17891
Kategorija prozivoda: Digitalni Kablovi
Proizvođač: NEO by Oyaide

Cena: 73,00 KM

The architecture under digital environment

Although the fact that the sound quality under the digital environment is influenced by the quality of AD/DA converter and jitter accuracy of audio clock is well-known, there are other factors that actually change the sound such as noise contamination or matching with the appreciation, driver, and PC hardware.
And for the high-performance serial bus, it is influenced by the system architecture of software, connectors and circuit patterns, ICs and cables. In addition, isochronous transfer that is applied in many USB audio I/OS have no error correction despite of carrying a huge amount of information at the same time.
“d+ USB series” was designed for smooth and lossless data transmission in both of the software and hardware system structure. The important thing in the digital signal transmission is passing the signals from sending side to receiving side as natural as possible. Because the signal flows in a cable is, even if it is digital, the electric signal, and the analog-like approach considering the electric property would be very important and effective.
We took an approach to protect the signal from external and internal noise by electro magnetic wave and control its electric conductivity and permittivity.

Impedance matching

We carefully made an adjustment impedance matching by advanced technology by considering pitch, diameter, and strand of conductors. Consequently, we achieved accurate data transmission and excellent stability with attenuation of terminal reflection wave.

Selected materials

For class B, in order to transmit serial bus at hi-speed, we applied the silver coated OFC which resistance is 5% lower than copper conductor. The class A and class S conductors are made of Oyaide’s precision conductor 102 SSC, which achieves 102.3% IACS through advanced manufacturing technology and management. These excellent conductors ensure reliable data transmission and a stable power supply. In addition, the diameter of the class S conductor is set to AWG22/AWG18, which is twice the normal diameter. This further reduces the electrical resistance and ensures powerful transmission.

Flat design architecture

The flat designed cable prevents the signal loss caused by cable bend, change of impedance and electrostatic capacitance. And it protect signal from external/internal noise and electro-magnetic wave by combination of TPE outer sheath and double-shielding.

Connector

The contacts of the USB connectors are made of bronze alloy with selected combination plating for each class. For class S, it is a combination of platinum and rhodium. For class A and for class B, it is gold plating. Each plating enhances durability and stability of the connectors.

USB2.0 (HI-SPEED) compliant

Eye Pattern

In telecommunication, an eye pattern, also known as an eye diagram, is an oscilloscope display in which a digital data signal from a receiver is repetitively sampled and applied to the vertical input, while the data rate is used to trigger the horizontal sweep. It is so called because, for several types of coding, the pattern looks like a series of eyes between a pair of rails.

CABLE	USB2.0 cable (HI-SPEED)
TRANSFER SPEED	Maximum 480Mbps
CONDUCTOR	Silver plated Oxygen Free Copper / power : AWG23 / signal : AWG30
STRUCTURE	Flat (Inverted concentric structure)
SHIELD	90% Braided + Aluminium mylar
INSULATOR	Polyethylene
OUTER	Flexible PVC
CONNECTORS	USB Type-A to USB Type-C
TERMINALS	Gold plated bronze alloy
BODY	PBT+Glass Fiber 30% with PVC
LENGTH	1.0m / 2.0m
Country of manufacture	China

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.