



Guangzhou Wejian Technology Co., Ltd. Product specification

filename	Document number: PDC-3	Effective date: 2022
one product model	PDC003	black
two, There are three lengths of products	L:120mm+TYPE C+DC5525 L:200mm+TYPE C+DC5525 L:300mm+TYPE C+DC5525	(5.5×2.5mm Sound fork interface), compatible with 5.5×2.1mm interface devices
three, technical parameter	Voltage: 0~20V Current: 0~5A	Four voltages: 9V/12V/15V/20V are optional. The voltage of the wire cannot be changed
four, Net weight of product	About 50g	Packaging: Bag
five, product picture	<p><b>The PDC fixed voltage PD activates the line</b></p>  <p>Input/output cannot be reversed through line Output (DC) output ← Input (USB-C) input</p> <p>DC5.5x2.5mm Fiddle joint      TYPE-C joggle</p> <p>The fork interface is flexible and compatible with the 5.5×2.1mm interface. It only supports PD, not QC</p> <p><b>Direct line: positive and negative poles are connected directly. If you don't understand, please search Baidu by yourself</b></p> <p><small>The TYPE-C head positive copper wire is directly connected to the positive pole of the DC port, and the negative pole is the same (that is, the positive pole of the PD power supply is directly connected to the electrical equipment). The PD activation chip is in the TYPE-C interface, and the copper wire is straight through without a boost or voltage reduction circuit. Only the PD head has voltage output after activation</small></p>	<p>9V/12V</p>  <p>measuring position</p>
six, operational principle	<p>PDC003 Hardware PD identification chip is adopted. The identification logic of this identification chip is to induce and trigger one of the multiple voltage outputs of the PD power supply. However, if the voltage indicated by the line is not available, it will apply for the next voltage.</p> <p>For example, if the 15v PD trick line is connected to the PD power supply, and your PD power supply is only 12V at the highest, or does not have 15v, and the next level is 12V, then the trick line will request output at 12v.</p>	

	<p>PD deception has a strict communication format. 1. There will be no situation where the PD power supply is higher voltage. 2. There will be no voltage output item that does not exist in the PD power supply, and the line will output voltage by itself or reduce voltage. 3. The line does not change the power, voltage, or current of the power supply.</p>
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