

HDMI 1.4 Type C Receptacle Test Fixture (HDMI-CR01A)

Version 1.1

Introduction:



Fig 1: HDMI Type C receptacle test fixture(HDMI-CR01A)

LiTek's **HDMI-CR01A** is a HDMI Type C receptacle test fixture used to measure HDMI cable with Type C plugs and HDMI source with HDMI Type C receptacle connector and connected with HDMI C type cable assembly. There are 5 pairs with SMA connectors in the Scope or Signal generator sides. The impedance in the test fixture is well designed between 95~105 ohms. The intra pair skew for all 5 pairs are designed less than 3ps.



Fig 2: HDMI-CR01A, plugged with a HDMI Type C plug cable..

Application:

- Mobile devices.
- Cable Assembly with C plug.
- HDMI Source devices.

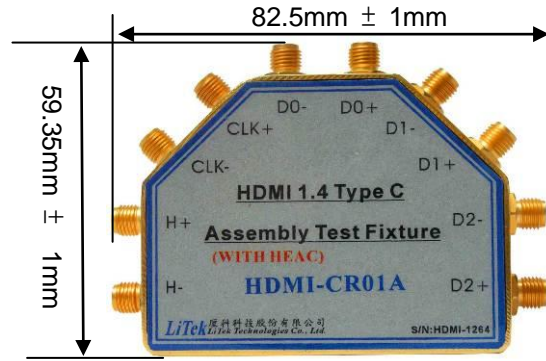


Fig 3: Dimension of HDMI-CR01A

Physica Characteristic:

RF Connector: SMA X 10
 HDMI Connector: Type C receptacle
 Dimension: 82.5 X 59.3 mm²

Features and Performance:

Trace Impedance: 100 +/- 5 Ω
 Skew: Less than 3ps.
 Loss: Less than 3 dB @3.4GHz.

P01	D2 GND	P02	D2+
P03	D2-	P04	D1 GND
P05	D1+	P06	D1-
P07	D0 GND	P08	D0+
P09	D0-	P10	CLK GND
P11	CLK+	P12	CLK-
P13	DDC GND	P14	CEC
P15	SCL	P16	SDA
P17	REV(HEAC+)	P18	+5V
P19	HDP(HEAC-)		

Table1: Type C Pin Assignments

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