

HDMI Type D receptacle test fixture datasheet (HDMI-DR01A)

LiTek's **HDMI-DR01A** is a HDMI Type D receptacle test fixture used to measure HDMI cable with Type D plugs and HDMI source with HDMI Type D receptacle connector and connected with HDMI D 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.

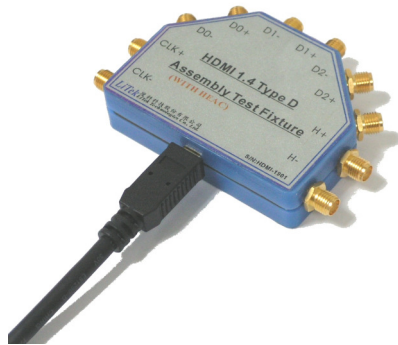


Figure1: HDMI-DR01A, plugged with a HDMI Type D plug cable.

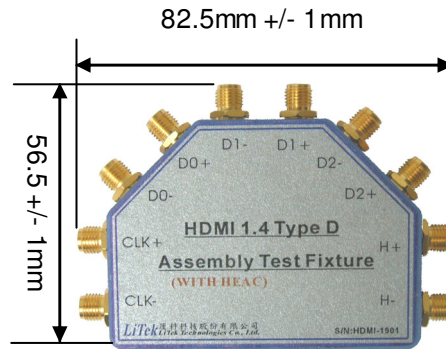


Figure2: Dimension of HDMI-DR01A

Physical Characteristic:

RF Connector: SMA X 10
 HDMI Connector: Type D receptacle
 Dimension: 82.5 X 56.5 mm²

Features and Performance:

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

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

Table1: Type D Pin Assignments

Application:

- Mobile device.
- Cable Assembly with D plug.
- Camera with D receptacle.

Contact LiTek: <http://www.litek.tw>

Taiwan: 4F-3, No. 18, Huannan Rd., Pingzhen City, Taoyuan County 32448, Taiwan Tel: +886-3-4951851 Fax: +886-3-4951841

李文福 經理 Leo Lee leo@litek.tw Cell Phone: +886-922330325

China: 901R Shencai Building Fuyong Boulevard Fuyong Town Baoan District Shenzhen Guangdong

洪璋駿 經理 Thomas Hung thomas630504@yahoo.com.tw Cell Phone: +86-13823201991