

Introduction:



Fig1: MHL Calibration Fixture (MHL-CK01AM)

The Mobile High-definition Link is an interface for transmitting digital television audiovisual signals from mobile phones, mobile video players, video cameras, still image cameras and other audiovisual source to television sets, projectors, monitors and other video displays.

LiTek's MHL Calibration fixture (MHL-CK01AM) can be used to calibrate the response of the MHL Type A or MHL Type Micro test fixture. We can get more accuracy by using the Calibration Fixture before testing.



Fig2: MHL-CK01AM connected with SMA Coaxial cable form Equipment for calibration before testing.

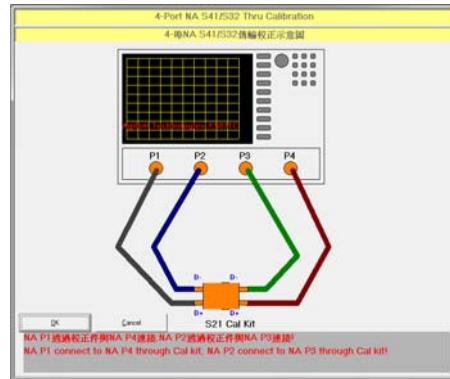


Fig3: MHL-CK01AM software Calibration.

For MHL Cable Assembly testing, we can reduce the fixture response by calibration. LiTek's MHL Calibration fixture (MHL-CK01AM) is suitable for the LiTek's MHL test fixture as below :

1. MHL-AR01AM: MHL Type A receptacle test fixture.
2. MHL-MR01AM: MHL Micro B receptacle test fixture.
2. MHL-MP01AM: MHL Micro Plug test fixture.

Features:

1. Good Impedance match: $100\Omega \pm 5\Omega$
2. 2x Trace Length: meet MHL test fixture.
3. Fast Rise Time: Less than 50 ps.
4. Low Intra pair skew: $\pm 2ps$
5. Low Loss design: Less than 3 dB @5.1GHz
6. 4 SMA connectors receptacle.

Fig4: MHL-CK01AM dimensions



Related LiTek Products:

Customer own MHL-CK01AM may also buy:

- MHL-AR01AM: MHL Type A Receptacle Test Fixture.
- MHL-MP01AM: MHL Micro Plug Test Fixture.
- MHL-MR01AM: MHL Micro B Receptacle Test Fixture.
- TpNA for MHLSoftware.

Application and Reference:

MHL-CK01AM can be used to these listed below:

- MHL Type A receptacle test fixture.
- MHL Micro B receptacle test fixture.
- MHL Micro Plug test fixture.

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