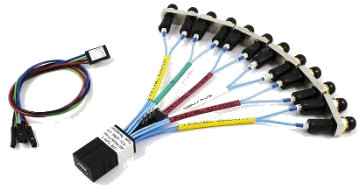


Datasheet

USB Type-C Alt Mode Test Fixture



TF21-189G
USB Type-C Receptacle Alt Mode
Test Fixture



TF21-190G
USB Type-C Plug Alt Mode
Test Fixture

Introduction

This product is USB Type-C Alt Mode Test Fixture. This product specification is compatible with: USB 3.2 and DisplayPort 1.4 Test.

Key Features

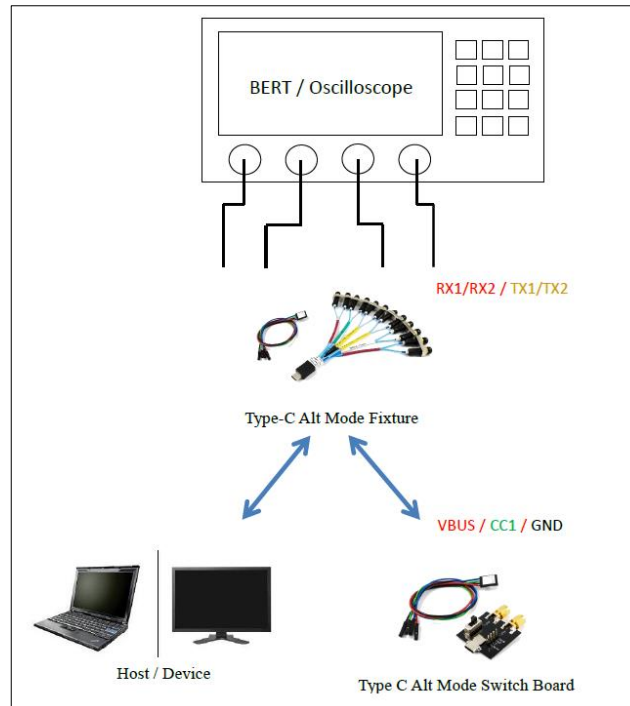
- Save measuring time and cost with support of automation test controller.
- Compact and flexible design for ease of testing different source, sink and cable.
- Support USB-C testing and DisplayPort Alt Mode compliance test.
- Compatible with major test equipment brand such as Keysight, Tektronix, Teledyne LeCroy.

Applications

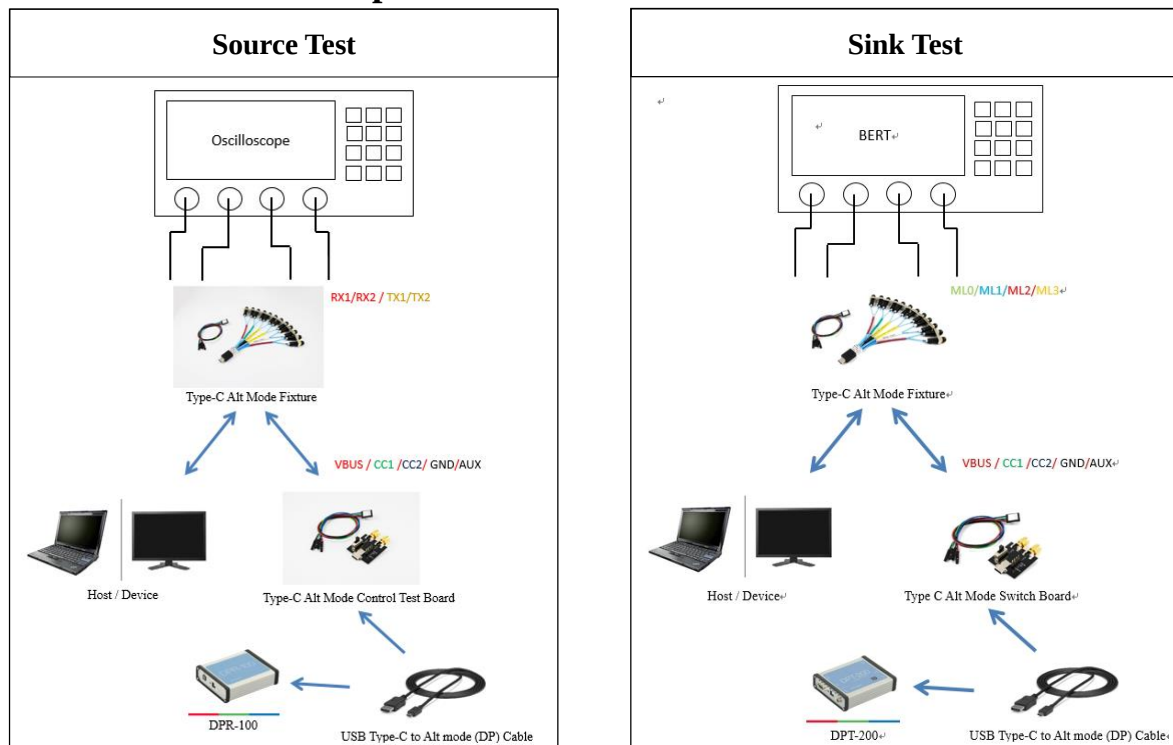
- USB Type-C testing, please see “**USB Type-C Test Setup**” below.
- DisplayPort Alt Mode source testing, please see “**DisplayPort Alt Mode Test Setup Source Test**” below.
- DisplayPort Alt Mode sink testing, please see “**DisplayPort Alt Mode Test Setup Sink Test**” below.

Test setup includes but not limited to the following examples:

USB Type-C Test Setup



DP Alt Mode Test Setup



For more in depth test procedures, please refer to Compliance Test Specifications listed below.

Reference USB Type-C and DP Alt Mode Specification

1. Universal Serial Bus Type-C Cable and Connector Specification Release 2.0
August 2019
2. VESA DisplayPort (DP) Standard Version 2.0 26 June, 2019
3. VESA DisplayPort Alt Mode on USB Type-C Standard (DisplayPort Alt Mode) Version
2.0 12 March, 2020
4. HDMI1.4b_AltMode_USBTypeC_final20160915a
5. Method of Implementation (MOI) for HDMI 1.4b Cable Assembly Test

Contact Information

