

# Read This First

## mSATA Test Adapter Test Fixture

This document contains information on mSATA Test Adapter Plug, Receptacle Test Adapters, and associated calibration cables. The two test adapter types test mSATA interface cables, hosts and devices against the SATA Specification 3.0.

<b>Tektronix Nomenclature</b>	<b>Description</b>	<b>Wilder part number</b>
TF-MSATA-TPA-P	mSATA Plug Test Adapter	640-0140-000
TF-MSATA-TPA-R	mSATA Receptacle Test Adapter	640-0141-000
TF-MSATA-TPA-PR	mSATA Plug and Receptacle Test Adapters	640-0145-000
TF-MSATA-TPA-2XC	mSATA Port 2X Calibration Module	640-0147-000
TF-MSATA-TPA-PR2XC	mSATA Plug and Receptacle Adapters with 2X Calibration Module	640-0148-000

### Guidelines When Making Connections

- Align cables carefully
- Make preliminary connections lightly
- Torque the SMA connector to 3-5 in-lbs using a calibrated SMA torque wrench
- To tighten, turn connector nut only
- Do not apply bending force to cable
- Do not over-tighten preliminary connections
- Do not twist or screw-in cables

### Other Information

Visit the Wilder Technologies Web site ([www.wilder-tech.com](http://www.wilder-tech.com)) for information about the test fixtures. The information available includes:

- User manual (PDF available for download)
- Electrical and mechanical characteristics
- Electrical care and handling ([www.wilder-tech.com/care-handling.htm](http://www.wilder-tech.com/care-handling.htm))
- Electrical characterization plots

For product information, sales, service, and technical support, send an e-mail to Wilder Technologies at [support@wilder-tech.com](mailto:support@wilder-tech.com).

For SATA/SAS application information, refer to <http://www2.tek.com/cmswpt/psdetails.lotr?ct=PS&cs=psu&ci=13470&lc=EN%0A>.

