

# Read This First

## Serial ATA Test Fixture

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

<b>Tektronix Nomenclature</b>	<b>Description</b>	<b>Wilder part number</b>
TF-SATA-TPA-P	Serial ATA Plug Test Adapter	640-0042-000
TF-SATA-TPA-R	Serial ATA Receptacle Test Adapter	640-0043-000
TF-SATA-TPA-PRC	Serial ATA Plug and Receptacle Test Adapter with Calibration Module Kit	640-0051-000
TF-TPA-SATA3-PR2C	SATA Gen3 Plug and Receptacle Test Adapter with Calibration Module (2 1X and 2 2X calibration lines)	640-0054-000

### 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 [www2.tek.com/cmswpt/psdetails.lotr?ct=PS&cs=psu&ci=13470&lc=EN%0A](http://www2.tek.com/cmswpt/psdetails.lotr?ct=PS&cs=psu&ci=13470&lc=EN%0A).

