DTX-PLA002S
10 Gigabit Permanent Link Adapters
Users Guide

The DTX-PLA002S is a set of two permanent link adapters for use with a Fluke Networks DTX CableAnalyzer™ tester. The adapters let you test and certify installed permanent links to proposed ANSI/TIA/EIA Cat 6A standards and verify that links will support 10 Gigabit Ethernet applications.

The adapter's minimal effect on test results ensures that your results exceed the accuracy and repeatability specifications given in the proposed TIA-568-B, ISO 11801, and IEEE 802.3an (10GBASE-T) standards.
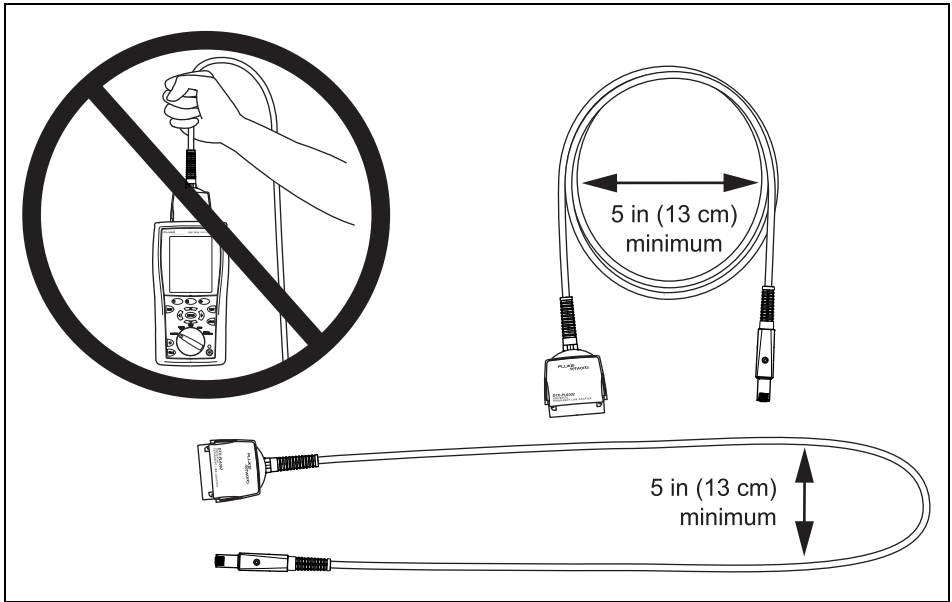
Symbols

⚠	Warning or Caution: Risk of damage or destruction to equipment or software. See explanations in the manuals.
🗑	This product complies with the WEEE Directive marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as category 9 "Monitoring and Control Instrumentation" product. Do not dispose of this product as unsorted municipal waste. To return unwanted products, contact the manufacturer's web site shown on the product or your local sales office or distributor.
🔟40	40 year Environment Friendly Use Period (EFUP) under China Regulation - Administrative Measure on the Control of Pollution Caused by Electronic Information Products. This is the period of time before any of the identified hazardous substances are likely to leak out, causing possible harm to health and the environment.

⚠ Safety Information

⚠ Caution

To avoid damaging the adapter and to ensure maximum accuracy of test results:

- **Never pinch, kink, or crush the adapter's cable. Follow the handling guidelines given in Figures 1 and 3.**

- **Never connect the adapters to telephone lines of any type, including ISDN lines. Doing so can damage the adapters and the tester.**

- **Always turn on the tester before connecting it to a link. Doing so activates the tool's input protection circuitry.**

- **Before using a DTX tester, read the complete list of safety and operational information given in the product's documentation.**

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Figure 1. Handling Guidelines

Using the Permanent Link Adapters

Note

*The DTX main and remote testers must have software version
1.31 or later to work with the DTX-PLA002 adapters. Software
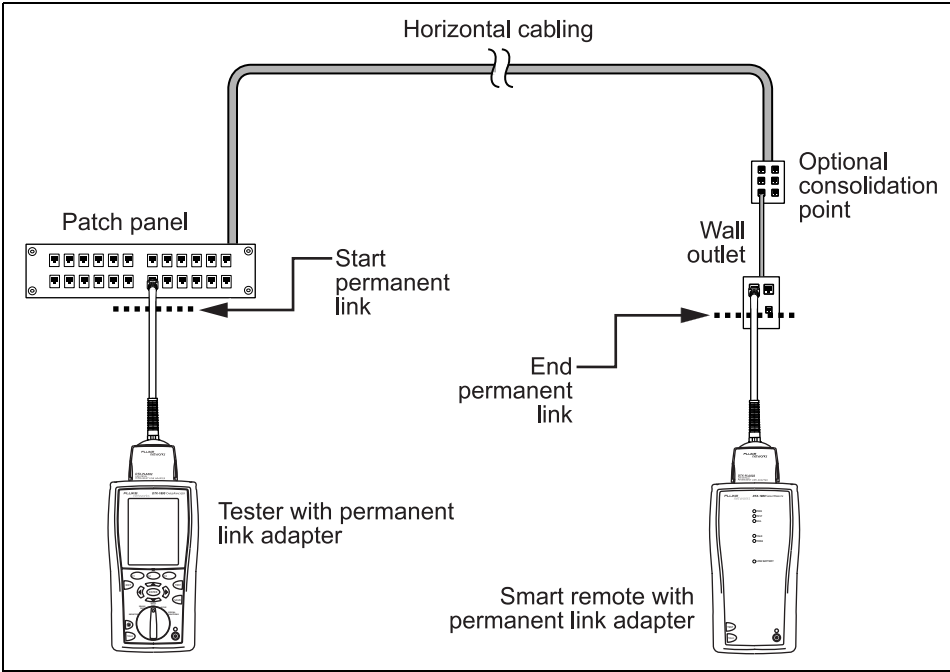upgrades are available on the Fluke Networks website.*

Figure 2 shows typical connections to a permanent link. Be sure to select the test
standard appropriate for the link under test. Refer to the tester's users manual or
contact Fluke Networks for additional information.

Note

*To disconnect the plug from a patch panel, pull on the plug's case
as shown in Figure 3. You do not need to depress the latch to
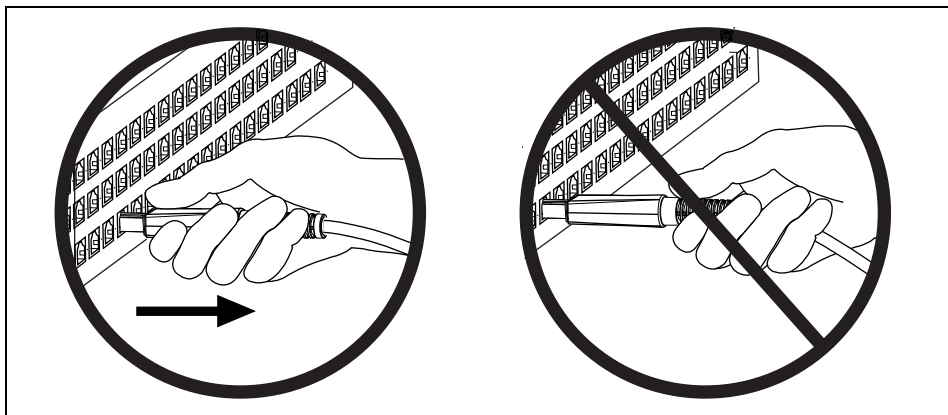disconnect the plug.*

⚠Caution

**To avoid damaging the adapter, never pull on the strain relief
to disconnect the plug from a patch panel. See Figure 3.**

eiy02.eps

Figure 2. Connecting to a Permanent Link

eiy03.eps

Figure 3. Disconnecting the Plug from a Jack

Maintenance and Service

Clean the adapters with a soft cloth dampened with water or water and a mild soap. Do not use abrasives, solvents, or alcohol.

For the most current test standards, new features, and other enhancements, keep your tester's software up to date. The latest version of software is available on the Fluke Networks website.

If an adapter does not work properly, check for damage to the connectors or cable. Verify that the adapter is securely latched to the tester.

The adapters should be serviced only by a qualified technician. Contact Fluke Networks for the location of the nearest service center.

Replacing the Tip or Latch

Replace the tips when test result margins begin to shrink or if a tip is damaged. The Autotest counter on the tester's version information screen is useful for tracking the number of insertions.

The plug's latch may also wear out over time. The kit listed under "Options and Accessories" provides replacement tips and latches.

Options and Accessories

Description	Fluke Networks Model Number
Set of 2 tips, 2 latches, 2 screws, and 2 conductive washers for DTX-PLA002 Permanent Link Adapters	DTX-PLA002PRP

Contacting Fluke Networks

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Fluke Networks operates in more than 50 countries worldwide. For more contact information, go to our website.

Specifications

The DTX-PLA002 Permanent Link Adapter meets all proposed measurement accuracy specifications for Level IV test equipment. Visit the Fluke Networks website for performance characteristics and additional information.

Life of module contacts (typical): >5,000 cycles

Dimensions: 4.57 in x 2.13 in x 1.81in (11.6 cm x 5.4 cm x 4.6 cm) with 5 ft (1.5 m) cable

Weight: 6.6 oz (187 g)

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For a list of authorized resellers, visit **www.flukenetworks.com/wheretobuy**.

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