



**020-2423-xx
CSA7000 Series
Adapter Instructions**

071-1014-00

www.tektronix.com



Safety Summary

To avoid potential hazards, use these products only as specified.

To avoid fire or personal injury

Connect and disconnect properly. Connect the adapter to the host instrument before connecting the device or cable to the circuit-under-test. Disconnect the device input and ground from the circuit-under-test before disconnecting the device from the adapter and host instrument.

Ground the product. This product is indirectly grounded through the grounding conductor of the host instrument power cord. To avoid electric shock, the grounding conductor must be connected to earth ground. Before making connections to the input or output terminals of the product, ensure that the product is properly grounded.

Observe all terminal ratings. To avoid fire or shock hazard, observe all ratings and markings on the host instrument. Consult the host instrument documentation for further ratings information before making connections to the host instrument.

Do not apply a potential to any terminal, including the common terminal, that exceeds the maximum rating of that terminal.

Do not operate without covers. Do not operate this product with covers or panels removed.

Do not operate with suspected failures. If you suspect there is damage to this product, have it inspected by qualified service personnel.

Do not operate in wet/damp conditions.

Do not operate in an explosive atmosphere.

Keep product surfaces clean and dry.

**O/E Electrical Out-to-CH1 Input Adapter
Product Description**

The O/E Electrical Out-to-CH1 Input adapter allows you to connect the output of the optical-to-electrical converter to the CH1 input on Tektronix CSA7000 Series instruments. The adapter preserves maximum signal integrity and eliminates the need for additional external adapters and cables, which can degrade the voltage standing wave ratio (VSWR).

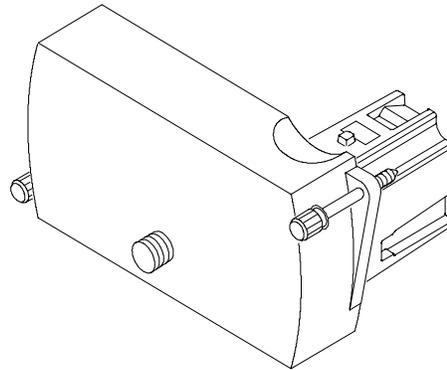


Figure 1: O/E Electrical Out-to-CH1 input adapter (013-0327-xx)

Using the Adapter

The adapter connects directly to the TekConnect interface on the host instrument.

Installing the Adapter

1. Insert the adapter into the TekConnect interface for CH 1 on the instrument until the adapter locks in place.
2. Finger tighten the two screws to provide additional strength to hold the adapter in place.

Removing the Adapter

1. Unscrew the two screws holding the adapter in place (use a screw driver if necessary).
2. Remove the adapter from the instrument.

**O/E-to-SMA Adapter
Product Description**

The O/E-to-SMA adapter allows you to connect cables with SMA connectors to the output of the optical-to-electrical converter on CSA7000 Series instruments. The adapter preserves maximum signal integrity and eliminates the need for additional external adapters, which can degrade the voltage standing wave ratio (VSWR).



Figure 2: O/E-to-SMA Adapter (013-0326-xx)

Using the Adapter

The adapter connects directly to the BMA output connector of the O/E converter on the instrument.

Installing the Adapter

1. Insert the O/E-to-SMA adapter onto the BMA connector on the instrument.
2. Screw the adapter onto the BMA connector finger tight.
3. Connect an SMA-type device to the adapter.
4. Connect the SMA-type device to the circuit-under-test.

Removing the Adapter

1. Disconnect the device input and ground from the circuit-under-test.
2. Disconnect the SMA-type device from the adapter (if necessary, use a wrench).
3. Unscrew the adapter from the BMA connector (if necessary, use a 7/16-inch wrench).

Storing the Adapter

You may store the adapter in the cover of the O/E-to-TekConnect adapter (see Figure 3).

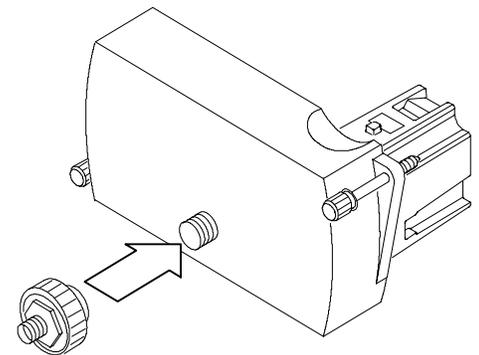


Figure 3: Storing the adapter

Additional Information

For additional information on using the adapters, refer to the documentation for the host instrument.

WARRANTY SUMMARY

Tektronix warrants that the products that it manufactures and sells will be free from defects in materials and workmanship for a period of one (1) year from the date of shipment. If a product proves defective within the respective period, Tektronix will provide repair or replacement as described in the complete warranty statement.

To arrange for service or obtain a copy of the complete warranty statement, please contact your nearest Tektronix sales and service office.

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