

Keysight 86211A 75 Ohm Type-F Adapter Kit

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86211A Adapter Kit

General Information

To obtain optimum performance from this adapter kit, observe these simple precautions:

- Keep the protective plastic end-caps on the adapters when not in use.
- Make connections carefully to avoid misalignment and connector damage, which will result in inaccurate measurements.
- Keep the connectors free of dirt and any particles.
- When you clean the connectors, try using compressed air first. Do not use abrasives. If further cleaning is required, refer to the *Connector Care for RF and Microwave Coaxial Connectors* document. It can be viewed online by searching for part number 08510-90064 at www.keysight.com.
- Periodically gage the adapter connectors using the instructions provided in the *Connector Care for RF and Microwave Coaxial Connectors* document.

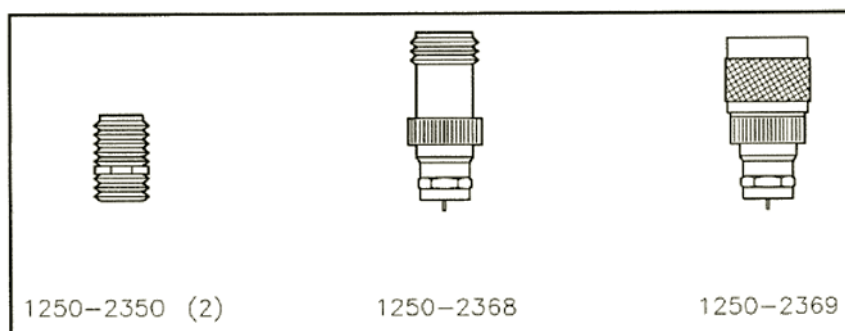
Description

The 86211A 75 ohm Type-F Adapter kit contains the adapters required for interconnections and test setups between 75 ohm systems or devices with type-N connectors and devices with 75 ohm type-F connectors.

Contents

The 86211A kit contains the following:

- Test port adapter, 75 ohm type-F (m) to type-N (m) (Keysight part number 1250-2369)
- Test port adapter, 75 ohm type-F (m) to type-N (f) (Keysight part number 1250-2368)
- Test port adapter, 75 ohm type-F (f) to type-F (f) (Keysight part number 1250-2350), quantity 2
- Storage box, (Keysight part number 9211-1582)
- Storage box foam pad, (Keysight part number 85023-80005)
- Operating and Service Manual (Keysight part number 86211-90001)



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Performance Characteristics

Performance characteristics are non-warranted parameters provided for use in applying the adapters. These characteristics are representative of most adapters, though not necessarily tested in each kit. Due to the lack of dimensional standardization of type-F connectors, there are no electrical characteristics (such as return loss and insertion loss) provided.

- Frequency range: DC to 2 GHz
- Impedance (nominal): 75 ohms

General Characteristics

Weight

Net: 0.45 kg (1 lb.)

Shipping: 0.91 kg (2 lb.)

Replaceable Parts

There are no replaceable components for the adapters. A worn or damaged adapter must be replaced in whole.

Equipment and Supplies

The following equipment and supplies are required for the maintenance and use of, but are not supplied with, your 86211A adapter kit.

Item	Part Number
Type-N gage set (part of the 85032F calibration kit)	85054-60059
Torque wrench, 3/4", 136 N-cm (12 in-lb)	8710-1766
Torque wrench, 12 mm, 180 N-cm (15 in-lb)	none ^a
Document: <i>Connector Care for RF and Microwave Coaxial Connectors</i>	08510-90064

- a. Customers can purchase torque wrenches at www.eturque.com.

Connector Maintenance

For information on cleaning and gaging connectors, refer to the *Connector Care for RF and Microwave Coaxial Connectors* document. It can be viewed online by searching for part number 08510-90064 at www.keysight.com.

Contacting Keysight

Assistance with test and measurement needs and information on finding a local Keysight office are available on the Web at:

www.keysight.com/find/assist

NOTE In any correspondence or telephone conversation, refer to the Keysight product by its model number and full serial number. With this information, the Keysight representative can determine whether your product is still within its warranty period.

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