

# Keysight 11853A 50 Ohm Type-N Accessory Kit

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## Safety Information

### CAUTION

A CAUTION notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in damage to the product or loss of important data. Do not proceed beyond a CAUTION notice until the indicated conditions are fully understood and met.

### WARNING

A WARNING notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in personal injury or death. Do not proceed beyond a WARNING notice until the indicated conditions are fully understood and met.

## Waste Electrical and Electronic Equipment (WEEE) Directive

This instrument complies with the WEEE Directive marking requirement. This affixed product label indicates that you must not discard this electrical or electronic product in domestic household waste.

### Product category:

With reference to the equipment types in the WEEE directive Annex 1, this instrument is classified as a “Monitoring and Control Instrument” product.

The affixed product label is as shown below.



Do not dispose in domestic household waste.

To return this unwanted instrument, contact your nearest Keysight Service Center, or visit <http://about.keysight.com/en/companyinfo/environment/takeback.shtml> for more information.

## Sales and Technical Support

To contact Keysight for sales and technical support, refer to the support links on the following Keysight websites:

- [www.keysight.com/find/adapters](http://www.keysight.com/find/adapters)  
(product-specific information and support, software and documentation updates)
- [www.keysight.com/find/assist](http://www.keysight.com/find/assist)  
(worldwide contact information for repair and service)

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## General Information

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

- Keep the protective plastic end-caps on the components 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](http://www.keysight.com).

## Description

The 11853A 50 ohm Type-N Accessory kit contains the RF components required for measurement of devices with 50 ohm, type-N connectors, and for using a network analyzer with a type-N configuration. Each kit contains a type-N (female) short, a type-N (male) short, two type-N (male) barrels, two type-N (female) barrels, and a storage case.

## Contents

The 11853A kit contains the following:

- Type-N (f) short (Keysight part number 85032-60009)
- Type-N (m) short (Keysight part number 85032-60008)
- Type-N (m) barrel (Keysight part number 1250-1475), quantity 2
- Type-N (f) barrel (Keysight part number 1250-1472), quantity 2
- Storage box, (Keysight part number 9211-1582)
- Storage box foam pad, (Keysight part number 9220-2550)
- *Operating and Service Manual* (Keysight part number 11853-90003)

## Performance Characteristics

**Return loss of adapters:** typically 40 dB up to 1.3 GHz.

## General Characteristics

### Weight

**Net:** 0.91 kg (2 lb.)

**Shipping:** 1.36 kg (3 lb.)

### Dimensions

**Width:** 168 mm

**Depth:** 114 mm

**Height:** 51 mm

(6 5/8 inches x 4 1/2 inches x 2 inches)

## Equipment and Supplies

The following equipment and supplies are required for the maintenance and use of, but are not supplied with, your 11853A accessories kit.

**Table 1**      Equipment and supplies

| 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   |
| Document: <i>Connector Care for RF and Microwave Coaxial Connectors</i> | 08510-90064 |

## 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](http://www.keysight.com).



This information is subject to change without notice. Always refer to the Keysight website for the latest revision.

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