

# Keysight N5520A/B/C 1.85 mm Coaxial Adapters



User's and  
Service Guide

# Notices

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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.

## Environmental Conditions

The table below shows the general environmental requirements for this instrument.

Environmental Condition	Requirement
Temperature	Operating condition – +0 °C to +55°C (+32 °F to +131 °F)
	Storage condition – -40 °C to +75 °C(-40 °F to +167 °F)
Relative Humidity	Always non-condensing
	Operating condition – 0 to 80% (26 °C maximum dry bulb)
	Storage condition – 0 to 90%
Altitude	Operating condition – < 15,000 meters (~50,000 feet)
	Storage condition – < 15,000 meters (~50,000 feet)

## Adapter Descriptions

The table below shows the adapter descriptions for this instrument.

Part Number	Description
85058-60013	1.85 mm -m- to 1.85 mm -m-
85058-60014	1.85 mm -f- to 1.85 mm -f-
85058-60015	1.85 mm -m- to 1.85 mm -f-

## Electrical Specifications

The table below shows the electrical specifications for this instrument.

Frequency	Return Loss (dB)	Insertion Loss (dB)
DC to 4 GHz	33	0.2
4 GHz to 30 GHz	24	0.3
30 GHz to 50 GHz	22	0.5
50 GHz to 67 GHz	20	0.6

### Statement of Functional Test

Temperature: 23 ±0.5°C

Humidity: 10 to 80% RH

This certifies that this product was tested in compliance with a quality system registered to ISO 9002:2000 using applicable Keysight Technologies' procedures.

As Received: Factory tested.

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- Visit [www.keysight.com](http://www.keysight.com).
- Enter the document's part number (see page 2) in the Search box.
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## 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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