

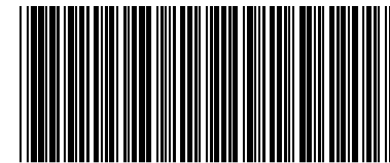
# **User's and Service Guide**

**Agilent Technologies  
85130H  
Rugged 1.85 mm to 1.85 mm  
Adapter Kit**



**Agilent Part Number 85130-90049  
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85130-90049

## Environmental Requirements

Parameter	Required Values/Ranges
Temperature	
Operating	+0 °C to +55 °C (+32 °F to +131 °F)
Storage	-40 °C to +75 °C (-40 °F to +167 °F)
Altitude	
Operating	< 15,000 meters (≈50,000 feet)
Storage	< 15,000 meters (≈50,000 feet)
Relative Humidity	Always non-condensing
Operating	0 to 80% (26 °C maximum dry bulb)
Storage	0 to 90%

## Adapter Descriptions

Part Number	Description
85058-60120	1.85 mm –f– NMD to 1.85 mm –m–
85058-60121	1.85 mm –f– NMD to 1.85 mm –f–

## Electrical Specifications

Frequency	Reflection (dB)	Transmission (dB)
10 MHz to 45 MHz (typical)	30	0.1
45 MHz to 2 GHz	40	0.05
2 GHz to 20 GHz	32	0.18
20 GHz to 30 GHz	30	0.22
30 GHz to 60 GHz	30	0.27
60 GHz to 67 GHz	24	0.33
67 GHz to 70 GHz (typical)	22	0.8

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If you do not have access to the Internet, please contact your Agilent field engineer.

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

### 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 Agilent Technologies' procedures.

**As Received:** Factory tested.