

User's and Service Guide

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

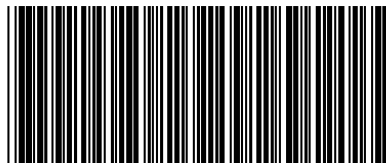


Agilent Technologies

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	Rugged 1.85 mm –f– to Rugged 1.85 mm –m–
85058-60121	Rugged 1.85 mm –f– to PSC 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

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.	

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Contacting Agilent

Online assistance: www.agilent.com/find/assist			
Americas			
Brazil (tel) (+55) 11 4197 3600 (fax) (+55) 11 4197 3800	Canada (tel) 877 894 4414 (fax) (+1) 905 282-6495	Mexico (tel) (+52) 55 5081 9469 (alt) 01800 5064 800 (fax) (+52) 55 5081 9467	United States (tel) (+1) 800 452 4844 (alt) (+1) 303 662 3999 (tel) (+1) 888 900 8921
Asia Pacific and Japan			
Australia (tel) 1800 629 485 (alt) 1800 143 243 (fax) 1800 142 134	China (tel) 800 810 0189 (alt) (+86) 10800 650 0021 (fax) 800 820 2816	Hong Kong (tel) 800 930 871 (alt) (+852) 3197 7889 (fax) (+852) 2 506 9233	India (tel) 1600 112 929 (fax) 000800 650 1101
Japan (tel) 0120 421 345 (alt) (+81) 426 56 7832 (fax) 0120 421 678	Malaysia (tel) 1800 888 848 (alt) 1800 828 848 (fax) 1800 801 664	Singapore (tel) 1800 375 8100 (fax) (+65) 6836 0252	South Korea (tel) 080 769 0800 (alt) (+82) 2 2004 5004 (fax) (+82) 2 2004 5115
Taiwan (tel) 0800 047 866 (alt) 00801 651 317 (fax) 0800 286 331	Thailand (tel) 1800 226 008 (alt) (+66) 2 268 1345 (fax) (+66) 2 661 3714		

Contacting Agilent (Continued)

Europe			
Austria <i>(tel)</i> 0820 87 44 11* <i>(fax)</i> 0820 87 44 22	Belgium <i>(tel)</i> (+32) (0)2 404 9340 <i>(alt)</i> (+32) (0)2 404 9000 <i>(fax)</i> (+32) (0)2 404 9395	Denmark <i>(tel)</i> (+45) 7013 1515 <i>(alt)</i> (+45) 7013 7313 <i>(fax)</i> (+45) 7013 1555	Finland <i>(tel)</i> 08 0052 4000 <i>(alt)</i> (+358) 10 855 2100 <i>(fax)</i> (+358) 92 536 0176
France <i>(tel)</i> 0825 010 700* <i>(alt)</i> (+33) (0)1 6453 5623 <i>(fax)</i> 0825 010 701*	Germany <i>(tel)</i> 01805 24 6333* <i>(alt)</i> 01805 24 6330* <i>(fax)</i> 01805 24 6336*	Ireland <i>(tel)</i> (+353) (0)1 890 924 204 <i>(alt)</i> (+353) (0)1 890 924 206 <i>(fax)</i> (+353) (0)1 890 924 024	Israel <i>(tel)</i> (+972) 3 9288 500 <i>(fax)</i> (+972) 3 9288 501
Italy <i>(tel)</i> (+39) (0)2 9260 8484 <i>(fax)</i> (+39) (0)2 9544 1175	Luxemburg <i>(tel)</i> (+32) (0)2 404 9340 <i>(alt)</i> (+32) (0)2 404 9000 <i>(fax)</i> (+32) (0)2 404 9395	Netherlands <i>(tel)</i> (+31) (0)20 547 2111 <i>(alt)</i> (+31) (0)20 547 2000 <i>(fax)</i> (+31) (0)20 547 2190	Russia <i>(tel)</i> (+7) 095 797 3963 <i>(alt)</i> (+7) 095 797 3900 <i>(fax)</i> (+7) 095 797 3901
Spain <i>(tel)</i> (+34) 91 631 3300 <i>(alt)</i> (+34) 91 631 3000 <i>(fax)</i> (+34) 91 631 3301	Sweden <i>(tel)</i> 0200 88 22 55* <i>(alt)</i> (+46) (0)8 5064 8686 <i>(fax)</i> 020 120 2266*	Switzerland (French) <i>(tel)</i> 0800 80 5353 opt. 2* <i>(alt)</i> (+33) (0)1 6453 5623 <i>(fax)</i> (+41) (0)22 567 5313	Switzerland (German) <i>(tel)</i> 0800 80 5353 opt. 1* <i>(alt)</i> (+49) (0)7031 464 6333 <i>(fax)</i> (+41) (0)1 272 7373
Switzerland (Italian) <i>(tel)</i> 0800 80 5353 opt. 3* <i>(alt)</i> (+39) (0)2 9260 8484 <i>(fax)</i> (+41) (0)22 567 5314	United Kingdom <i>(tel)</i> (+44) (0)7004 666666 <i>(alt)</i> (+44) (0)7004 123123 <i>(fax)</i> (+44) (0)7004 444555		
<i>(tel)</i> = primary telephone number; <i>(alt)</i> = alternate telephone number; <i>(fax)</i> = FAX number; * = in country number			