

Rev:A00

2.92-FF Cryogenic Adapter



The standard 2.92mm interface can reach the frequency of 40GHz, and still has good performance at low temperature.

Technical requirements

ltem	Specifications	
Model	ADPG04044A116	
Impedance 50Ω		
Frequency range	DC-40GHz	
Return loss	≥20dB(300K&77K)	
Insert loss	≤0.6dB(300K&77K)	
Insulation resistance	≥5000MΩ	
Dielectrics voltage resistance	≤750Vrms	
Temperature	10mK-300K	
Connector	2.92-FF	

Material and surface

	ltem	Material	Surface
2.92 Connector	Outer conductor	Beryllium bronze	Non-magnetic gold plated
	Center conductor	Beryllium bronze	Non-magnetic gold plated
	Connector-dielectric	PEI	1

Nanjing HMC System Co., Ltd. Website: http://www.hqubit.com TEL: +86-25-84607662 Address: 1865 pioneer park, No. 388 Yingtian street, Qinhuai District, Nanjing, China 210006

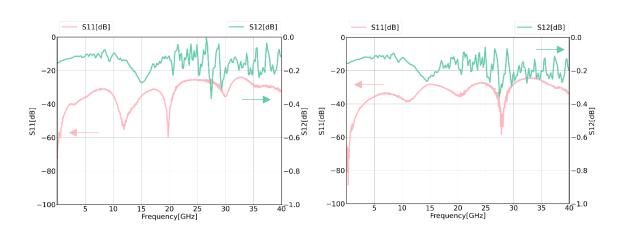


2.92-FF Cryogenic Adapter

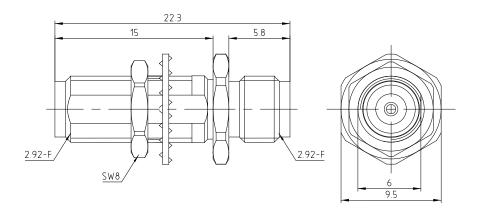
Test Results

Measure data, Tamb=300K

Measure data, Tamb=77K



Outline drawing (Unmarked tolerance: ±0.1mm)



Nanjing HMC System Co., Ltd. Website: http://www.hqubit.com TEL: +86-25-84607662 Address: 1865 pioneer park, No. 388 Yingtian street, Qinhuai District, Nanjing, China 210006