

Data Sheet

EC-ADP-2424-FF/MF/MM 2.4 mm to 2.4 mm Adapters

Applications

- General-purpose RF, microwave, mmWave
- Cellular 2.5G, 3G, 4G, LTE, 5G
- Wi-Fi 802.11 2.4 GHz, 5.8 GHz
- Sat-Comm L, S, C, X, Ku, K, Ka bands
- ISM Bands 2.4GHz, 5.8GHz, 24GHz

Features

- Characteristic Impedance: 50 Ohm
- Frequency Range: DC to 50 GHz
- VSWR: < 1.15
- Body: Stainless Steel SUS304, Polished / Passivated
- Center Contact: Beryllium Copper, Gold Plated

Description

The EC-ADP-2424 series is a family of high precision 50 ohm coaxial 2.4 mm to 2.4 mm adapters for general-purpose RF and microwave use. These high performance connectors are used in a wide variety of test and measurement settings ranging from cellular to satellite communications for the proper matching of equipment and cable interconnect. The connectors are constructed from a durable stainless steel and are designed to withstand repeated use. They feature an air dielectric with a loss-loss plastic center conductor support. All male and female port combinations are available.

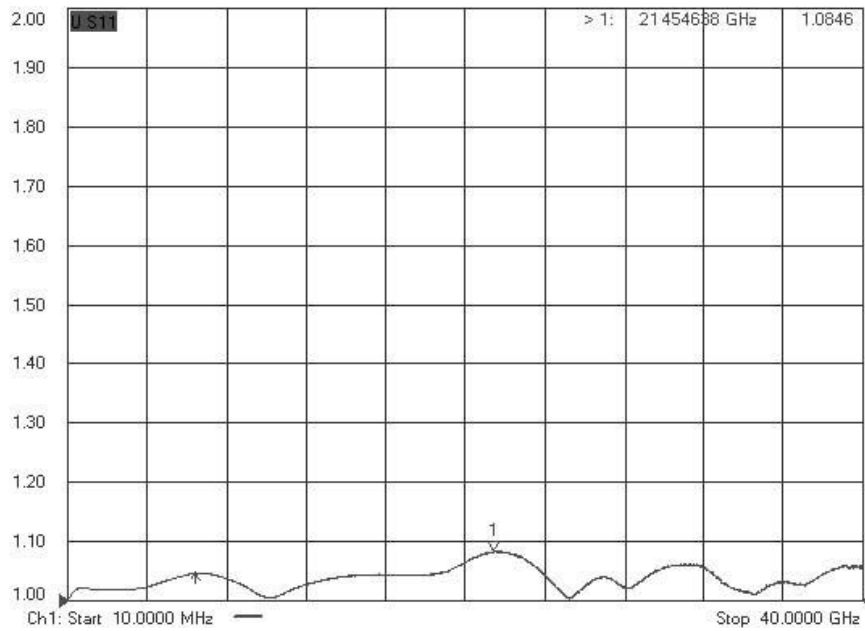
Models

Model	EC-ADP-2424-FF	
Connector Type	2.4 mm (F) to 2.4 mm (F)	
Frequency	DC to 50 GHz	
VSWR	< 1.15	
Model	EC-ADP-2424-MF	
Connector Type	2.4 mm (M) to 2.4 mm (F)	
Frequency	DC to 50 GHz	
VSWR	< 1.15	
Model	EC-ADP-2424-MM	
Connector Type	2.4 mm (M) to 2.4 mm (M)	
Frequency	DC to 50 GHz	
VSWR	< 1.15	

Specifications

Parameter	Value
Characteristic Impedance	50 ohm
Frequency Range	DC to 50 GHz
VSWR	< 1.15
Durability	> 1000 cycles
Operating Temperature	-55C to +125C
Body Material	Stainless Steel SUS304, Polished and Passivated
Center Contact Material	Beryllium Copper, Gold Plated
Center Contact Support Material	Polyetherimide (PEI)

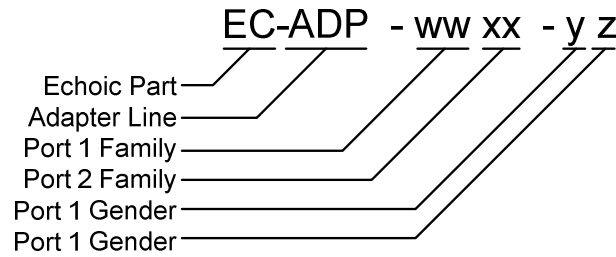
Typical Performance



Typical VSWR of 2.4 mm to 2.4 mm adapters, shown from DC – 40GHz

Ordering Information

Please use the following model number designation for ordering this and any other part from our adapter line:



For example, EC-ADP-2424-MF is an Echoic part in the Adapter line where the size of port 1 is 2.4 mm, the size of port 2 is 2.4 mm, the gender of port 1 is male and the gender of port 2 is female.

Web Resource

For more information on other RF and microwave interconnect solutions please visit our online store 5G Links: www.5glinks.com

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