

# ADPFV FV

## ADP Series 2.4mm Female to 2.4mm Female Adapter

### DEVICE OVERVIEW

#### General Description

The ADPFV FV is a 2.4mm Female to 2.4mm Female straight angle coaxial adapter. This adapter features low insertion loss and low VSWR across a DC-50 GHz bandwidth. 3/8" torque wrench and 6 mm fixed wrench recommended.



[Download s-parameters here](#)

#### Features

- Low VSWR
- Low loss

#### Applications

- Interconnect

#### Functional Block Diagram

N/A

#### Part Ordering Options

Part Number	Description	Connectors	Green Status	Product Lifecycle	Export Classification
ADPFV FV	ADP Series 2.4mm Female to 2.4mm Female Adapter	-	REACH RoHS compliant per Annex III, Exemption 6(c)	Released	EAR99

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#### Table Of Contents

- **Device Overview**
  - General Description
  - Features
  - Applications
- **Port Configuration and Functions**
  - Port Functions
- **Revision History**
- **Specifications**
  - Absolute Maximum Ratings
  - Electrical Specifications
  - Typical Performance Plot
- **Mechanical Data**
  - Outline Drawing

#### Revision History

Revision Code	Revision Date	Comment
-	2024-08-29	Initial Release

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#### Port Configuration and Functions

#### Port Functions

Port	Function	Connector Type	Description	Equivalent Circuit for Package
Port 1	IN/OUT	2.4F	-	-
Port 2	IN/OUT	2.4F	-	-

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## Specifications

### Absolute Maximum Ratings

Parameter	Maximum Rating	Unit
DC Current	7.5	A
Maximum Operating Temperature	105	°C
Minimum Operating Temperature	-55	°C

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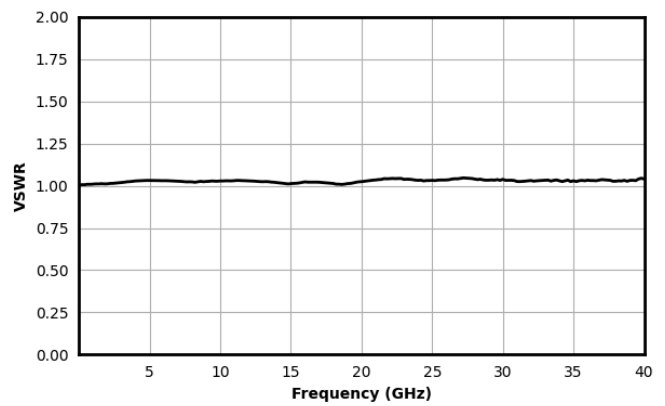
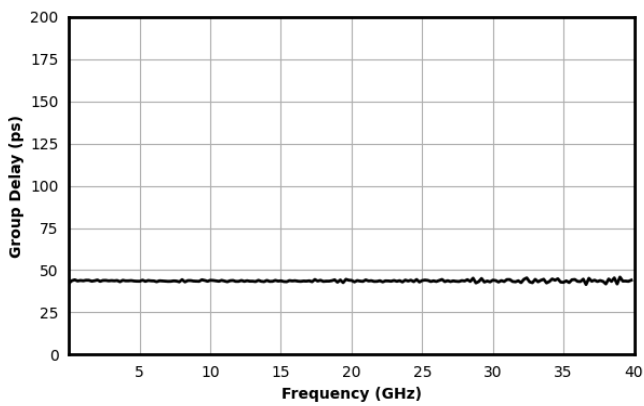
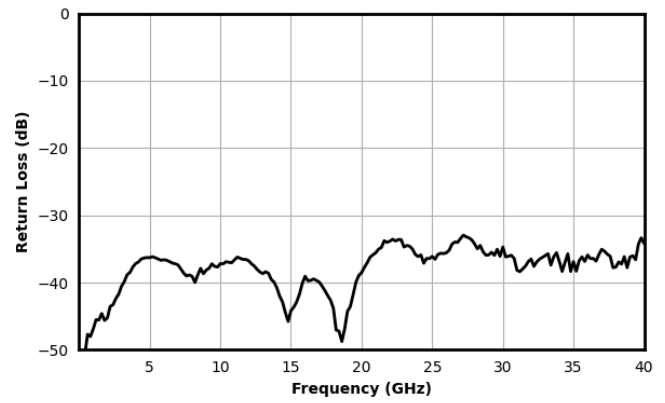
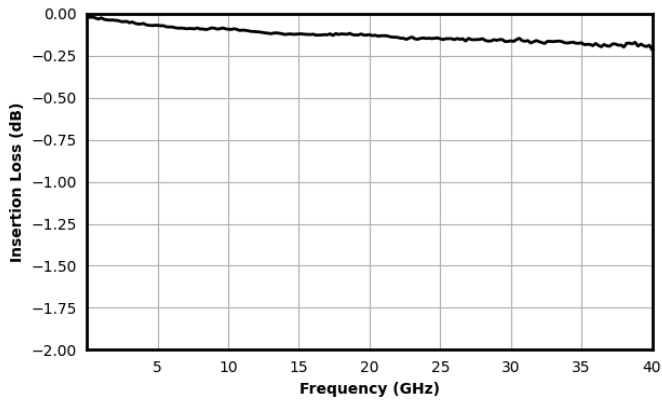
#### Electrical Specifications

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Typ	Max	Unit
Insertion Loss	-	0	50	-	0.1	-	dB
Return Loss	-	0	50	-	36	-	dB
VSWR	-	0	50	-	1.03	-	

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### ADP Series 2.4mm Female to 2.4mm Female Adapter

#### Typical Performance Plot





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