

ADPFKFK

ADP Series 2.92mm Female to 2.92mm Female Adapter

DEVICE OVERVIEW

General Description

The ADPFKFK is a 2.92mm Female to 2.92mm Female straight angle coaxial adapter. This adapter features low insertion loss and low VSWR across a DC-40 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
ADPFKFK	ADP Series 2.92mm Female to 2.92mm Female Adapter	<u>Standard</u>	REACH RoHS compliant per Annex III, Exemption 6(c)	Released	EAR99

Table Of Contents

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

Revision History

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

Port Configuration and Functions

Port Functions

Port	Function	Connector Type	Description	Equivalent Circuit for Package
Port 1	IN/OUT	2.92F	-	-
Port 2	IN/OUT	2.92F	-	-

Specifications

Absolute Maximum Ratings

Parameter	Maximum Rating	Unit
DC Current	9.5	A
Maximum Operating Temperature	105	°C
Minimum Operating Temperature	-55	°C

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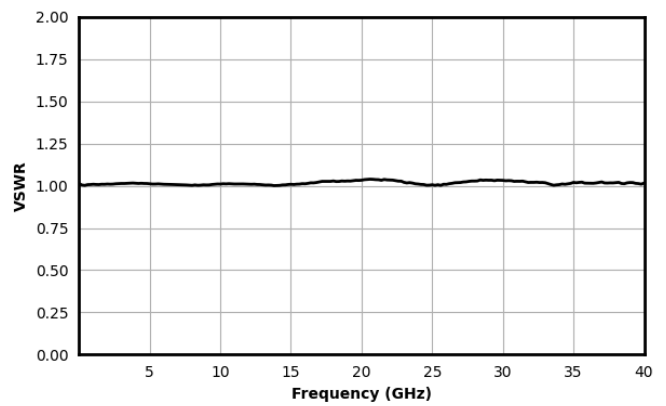
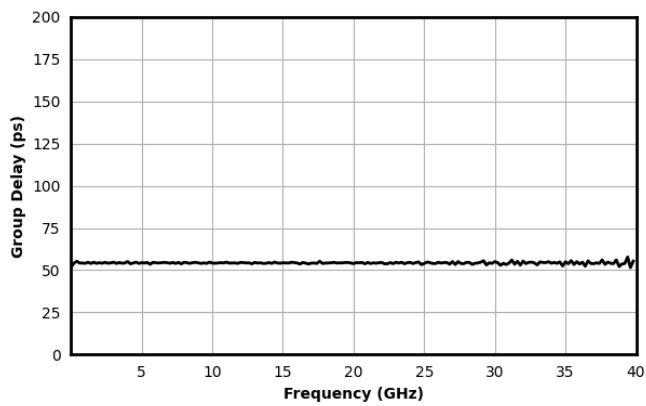
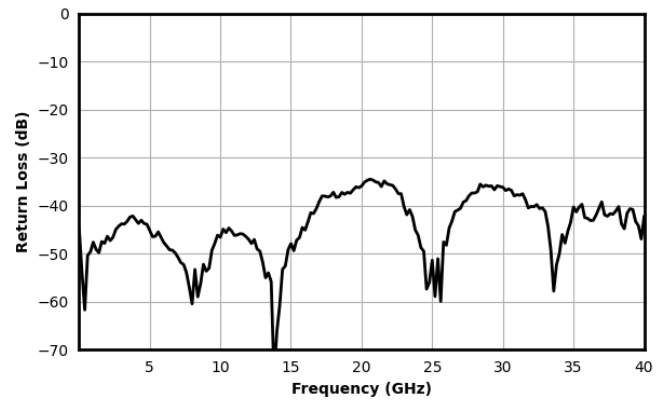
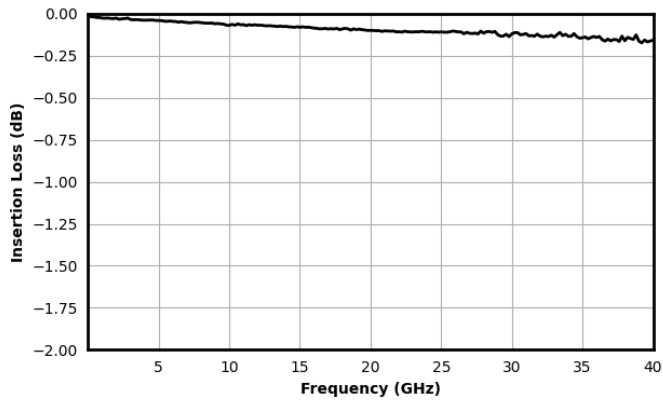
Electrical Specifications

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Typ	Max	Unit
Insertion Loss	-	0	40	-	0.1	-	dB
VSWR	-	0	40	-	1.01	-	
Return Loss	-	0	40	-	43	-	dB

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ADP Series 2.92mm Female to 2.92mm Female Adapter

Typical Performance Plot



Download : [Outline 2D Drawing](#)

IN: 2.92 mm G 70 30 50 100 2.92 mm G 70 30 50 100 NO: 2.92 2.92 2.92 2.92 2.92 2.92 XXXX 005		 www.markimicrowave.com	
DRAWN BY		DATE	
MATERIAL:		TNN 08-29-2024	
FINISH:		ASZ CAGE CODE DWG NO.	
DO NOT SCALE DRAWING		A9AF 0UC32 ADPFFKFK	
		ASST 1, 08 1	

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