

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

ADPFKFK

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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

ADPFKFK

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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	-	-

ADPFKFK

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Specifications

Absolute Maximum Ratings

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

ADPFKFK

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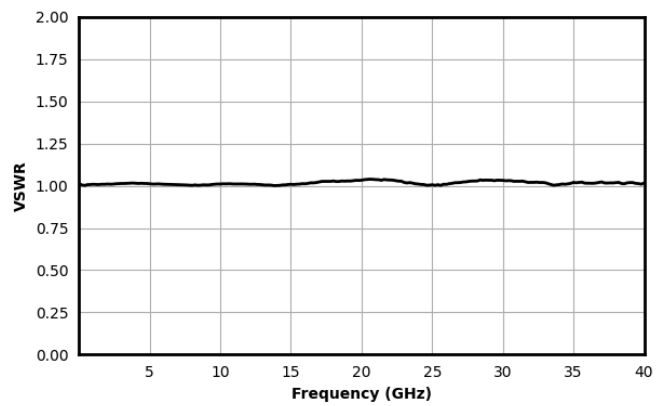
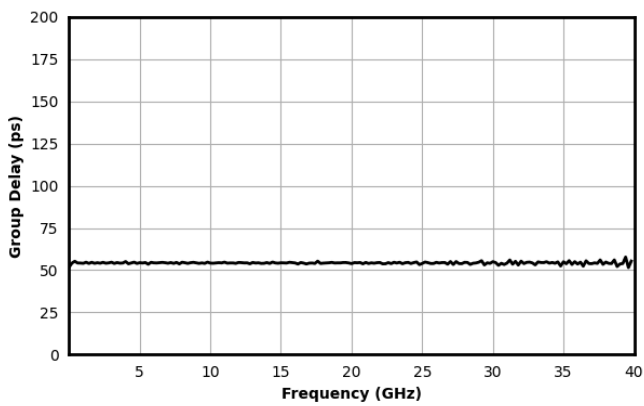
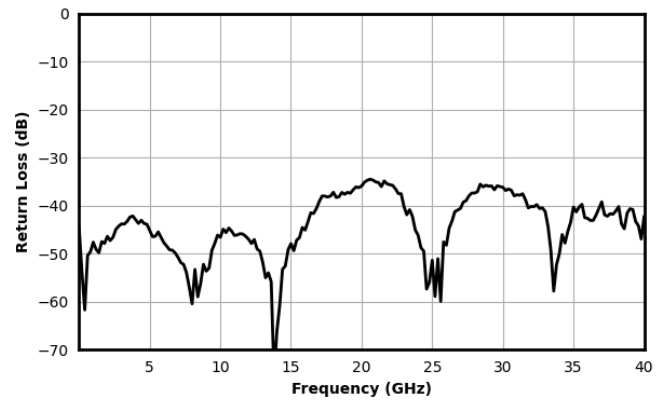
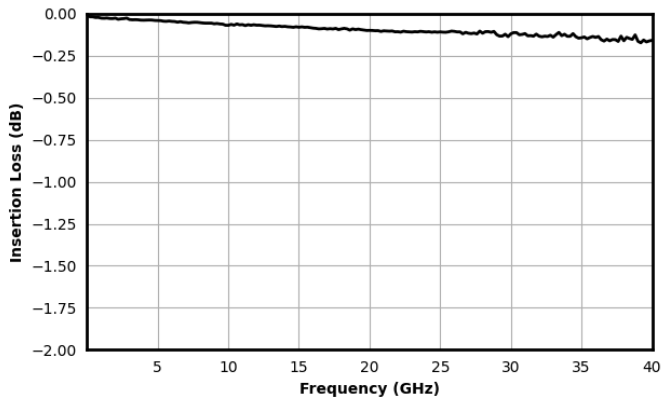
Electrical Specifications

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

ADPFKFK

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Typical Performance Plot



ADPFKFK

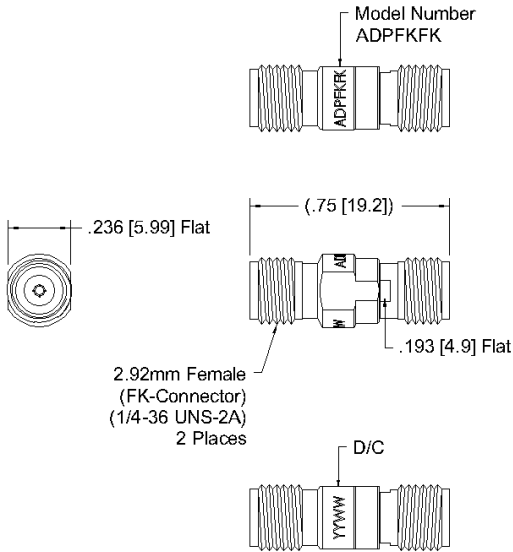
ADP Series 2.92mm Female to 2.92mm Female Adapter

Mechanical Data

Outline Drawing

Download : [Outline 2D Drawing](#)


REVISIONS				
ECN	REV.	DESCRIPTION	DATE	APPROVALS
	A	Initial Release	6/19/25	AT



Parts	Material	Plating (Micro-inch)
Contact Pins	Beryllium Copper (BeCu)	Gold pl. 4 min., over Nickel-phosphorus Alloy pl. 80 min., over Copper pl. 20 min.
Body	Stainless Steel	Passivated
Insulator	PPO	

NOTE:

- All Dimensions are in Inches [Metric].

<p>JUL 23 09:14 AM '25 2.92MM JACK TO 2.92MM JACK ADPFKFK</p> <p>MATERIAL: . FINISH: .</p> <p>DO NOT SCALE DRAWING</p>	<p>DRAWN BY: TNN DATE: 06-28-2024</p>	 <p>www.markimicrowave.com</p> <p>2.92mm Jack to 2.92mm Jack ADPFKFK</p> <p>SIZE: A CAGE CODE: 0UC32 DWG. NO.: ADPFKFK</p> <p>SCALE: NONE SHEET 1 OF 1</p>
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