

ADPMKMK

ADP Series 2.92mm Male to 2.92mm Male Adapter

DEVICE OVERVIEW

General Description

The ADPMKMK is a 2.92mm Male to 2.92mm Male straight angle coaxial adapter. This adapter features low insertion loss and low VSWR across a DC-40 GHz bandwidth. 3/8" torque wrench and 5.5 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
ADPMKMK	ADP Series 2.92mm Male to 2.92mm Male Adapter	-	REACH RoHS compliant per Annex III, Exemption 6(c)	Released	EAR99

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Revision History

Revision Code	Revision Date	Comment
-	2024-08-29	Initial Release
A	2025-07-23	Outline 3D stp added

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Port Configuration and Functions

Port Functions

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

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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

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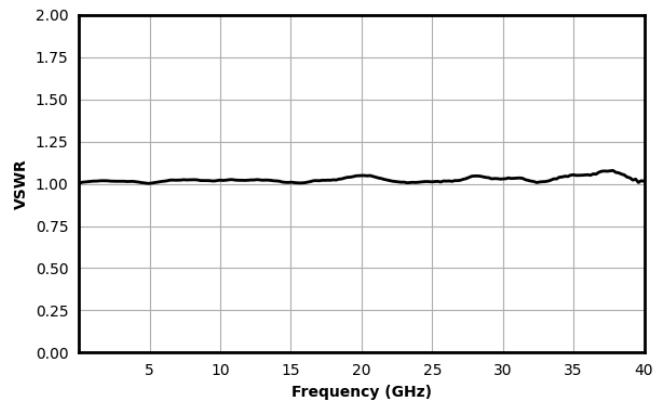
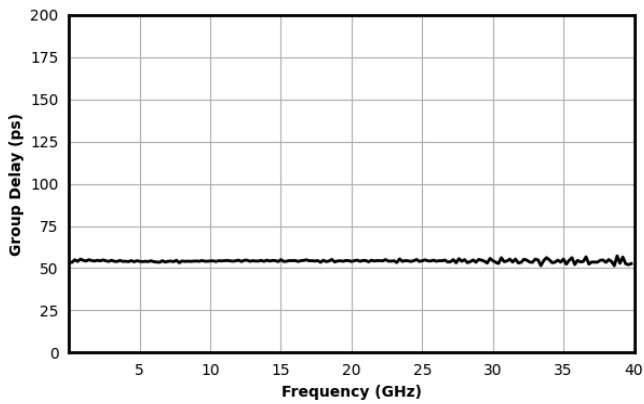
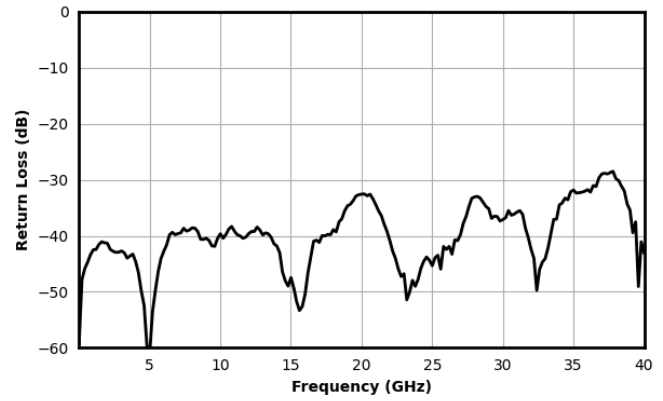
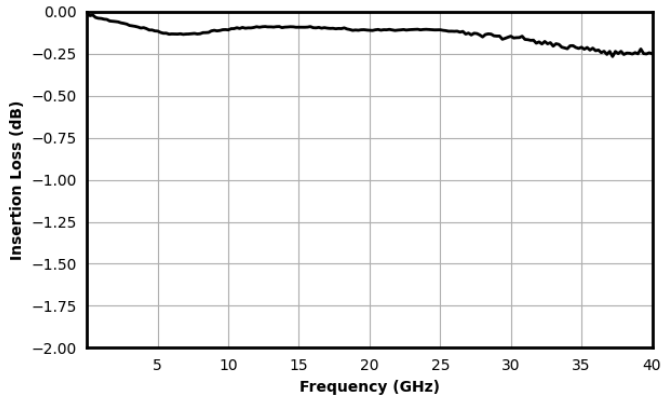
Electrical Specifications

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Typ	Max	Unit
Insertion Loss	-	0	40	-	0.1	-	dB
Return Loss	-	0	40	-	39	-	dB
VSWR	-	0	40	-	1.02	-	

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Typical Performance Plot



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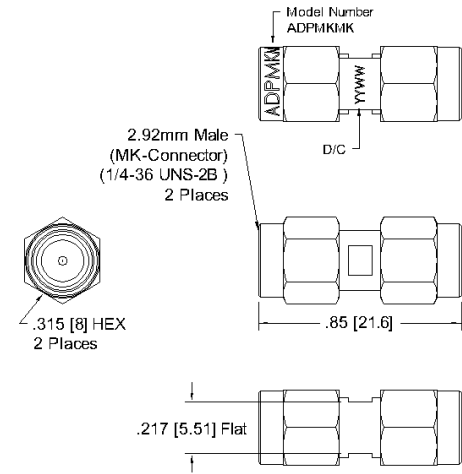
ADP Series 2.92mm Male to 2.92mm Male Adapter

Mechanical Data

Outline Drawing

Download : [Outline 2D Drawing](#) | [Outline 3D STP](#)

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.
Insulator	PPO	
Body	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated

NOTES: Unless Otherwise Specified

- All Dimensions are in Inches [Metric].

J:\1558 OF C:\W\2525\2525-001 2.92MM PLUG TO 2.92MM PLUG 40GHz, ADPMKMK	83 09-28-2024
MATERIAL: - FINISH: -	DRAWN BY: TNN DATE: 09-28-2024
DO NOT SCALE DRAWING	SIZE: A CAGE CODE: 0UC32 DWG. NO.: ADPMKMK
	SCALE: NONE SHEET: 1 OF 1

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