

ADPFVFK

ADP Series 2.4mm Female to 2.92mm Female Adapter

DEVICE OVERVIEW

General Description

The ADPFVFK is a 2.4mm 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 5.5 or 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 |
|-------------|--|------------|---|-------------------|-----------------------|
| ADPFVFK | ADP Series 2.4mm Female to 2.92mm Female 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 |

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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 | 2.92F | - | - |

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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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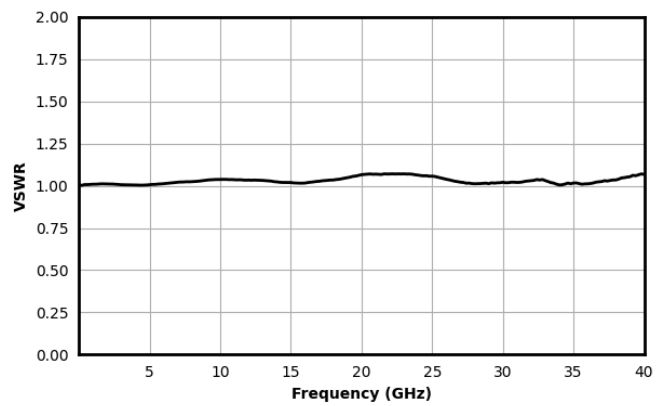
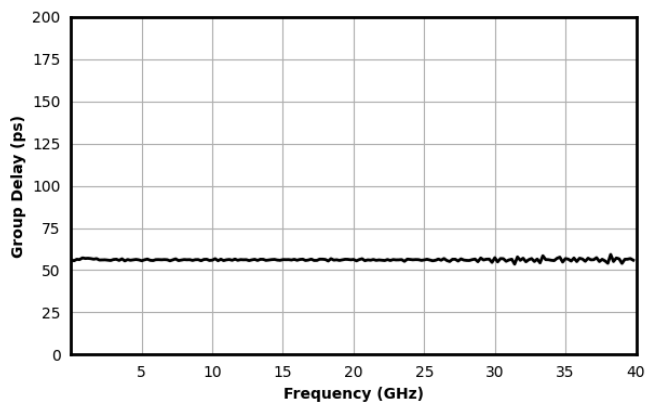
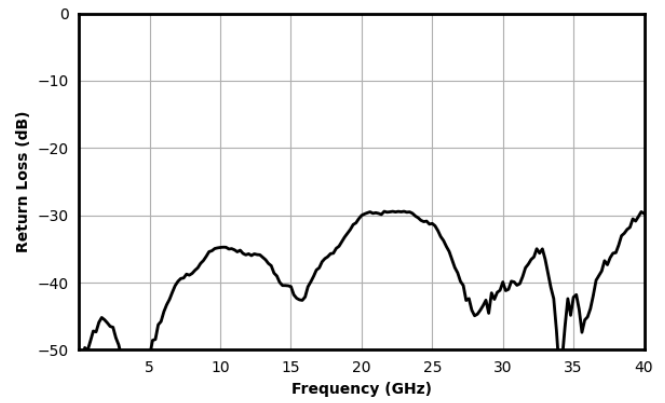
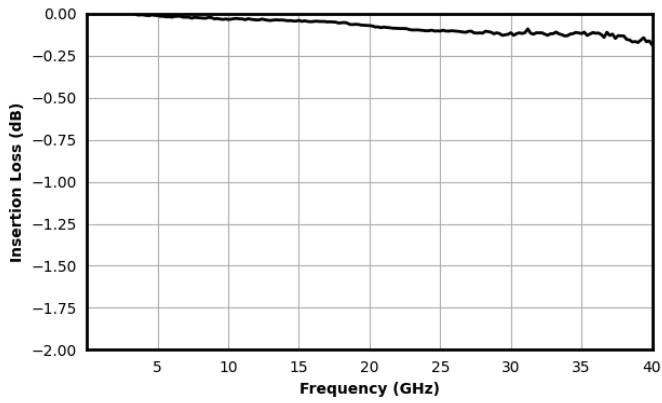
Electrical Specifications

| Parameter | Test Conditions | Minimum Frequency (GHz) | Maximum Frequency (GHz) | Min | Typ | Max | Unit |
|----------------|-----------------|-------------------------|-------------------------|-----|------|-----|------|
| Insertion Loss | - | 0 | 40 | - | 0.1 | - | dB |
| Return Loss | - | 0 | 40 | - | 38 | - | dB |
| VSWR | - | 0 | 40 | - | 1.02 | - | |

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Typical Performance Plot



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