

### Product Features

P1dB's P1AD-24FM is a straight 2.4mm Female to 2.4mm Male adapter that operates to 50 GHz with a maximum VSWR of 1.3:1. It has a passivated stainless steel body and meets operating temperatures from -85 to 125 degrees Celcius.

P1dB offers a large selection of standard and precision RF adapters in both 50 Ohm and 75 Ohm designs for lab, aerospace industrial and commercial applications.



### Electrical Specification: T<sub>Ambient</sub> = 25° C

| Parameter       | Frequency Range | Units | Min | Typical | Max  | Notes |
|-----------------|-----------------|-------|-----|---------|------|-------|
| Frequency Range |                 | GHz   | DC  |         | 50.0 |       |
| Impedance       |                 |       |     | 50.0    |      |       |
| VSWR            | DC to 50.0      | 1:    |     |         | 1.3  |       |

### Mechanical And Environmental Specifications:

| Parameter             | Description                  | Notes |
|-----------------------|------------------------------|-------|
| Connector 1           | 2.4mm Female                 |       |
| Connector 1 Body      | Stainless Steel              |       |
| Connector 1 Contact   | Gold Plated Beryllium Copper |       |
| Connector 2           | 2.4mm Male                   |       |
| Connector 2 Body      | Stainless Steel              |       |
| Connector 2 Contact   | Gold Plated Beryllium Copper |       |
| Orientation           | Straight                     |       |
| Mount Type            | None                         |       |
| Operating Temperature | -85.0 to 125.0 °C            |       |
| RoHS Compliance       | Yes                          |       |

### Product Notes