

## Precision Adapters



Withwave's Precision Test Adapters are designed based on precision microwave interconnection technologies. These precision microwave connector interfaces ensure an excellent microwave performance up to 110 GHz.

- Freq: DC to 26.5, 34, 40, 50, 67 & 110 GHz
- Excellent RF performance
- Precision Manufacturing Process
- Available in various configurations

## Specification

### VSWR

DC to 26.5 GHz.....	1.20:1 Max
to 34.0 GHz.....	1.20:1 Max
to 40.0 GHz.....	1.20:1 Max
to 50.0 GHz.....	1.20:1 Max
to 67.0 GHz.....	1.25:1 Max
to 110.0 GHz.....	1.30:1 Max

### Temperature

- 65 to +165 °C

## 1.0 mm to 1.0 mm(110 GHz)



**AD00M00MS1**  
(M to M)



**AD00M00FS1**  
(M to F)



**AD00F00FS1**  
(F to F)

## 1.0 mm to 1.85 mm(67 GHz)



**AD00M01MS1**  
(M to M)



**AD00M01FS1**  
(M to F)



**AD00F01MS1**  
(F to M)



**AD00F01FS1**  
(F to F)

## 1.85 mm to 1.85 mm(67 GHz)



**AD01M01MS1**  
(M to M)



**AD01M01FS1**  
(M to F)



**AD01F01FS1**  
(F to F)



**AD01F01FS2**  
(F to F)



**AD01F01FS3**  
(F to F)

## 1.85 mm to 2.4 mm(50 GHz)



**AD01M02MS1**  
(M to M)



**AD01M02FS1**  
(M to F)



**AD01F02MS1**  
(F to M)



**AD01F02FS1**  
(F to F)



## 2.4 mm to 2.4 mm(50 GHz)



**AD02M02MS1**  
(M to M)



**AD02M02FS1**  
(M to F)



**AD02F02MS1**  
(F to M)



**AD02F02FS1**  
(F to F)



Bulkhead

**AD02F02FS2**  
(F to F)

## 2.4 mm to SMPM (50 GHz)



**AD02M17MS1**  
(M to M)



**AD02M17FS1**  
(M to F)



**AD02F17MS1**  
(F to M)



**AD02F17FS1**  
(F to F)

## 2.4 mm to 2.92 mm(40 GHz)



**AD02M03MS1**  
(M to M)



**AD02M03FS1**  
(M to F)



**AD02F03MS1**  
(F to M)



**AD02F03FS1**  
(F to F)

## 2.92 mm to 2.92 mm (40 GHz)



**AD03M03MS1**  
(M to M)



**AD03M03FS1**  
(M to F)



**AD03F03FS1**  
(F to F)



Bulkhead

**AD03F03FS2**  
(F to F)

## 2.92 mm to SMPM (40 GHz)



**AD03M17MS1**  
(M to M)



**AD03M17FS1**  
(M to F)



**AD03F17MS1**  
(F to M)



**AD03F17FS1**  
(F to F)

## 2.92 mm to 1.85 mm(40 GHz)



**AD01M03MS1**  
(M to M)



**AD01M03FS1**  
(M to F)



**AD01F03MS1**  
(F to M)



**AD01F03FS1**  
(F to F)

## 3.5 mm to 3.5 mm (34 GHz)



**AD04M04MS1**  
(M to M)



**AD04M04FS1**  
(M to F)



**AD04F04FS1**  
(F to F)

## 3.5 mm to 2.4 mm(34 GHz)



**AD02M04MS1**  
(M to M)



**AD02M04FS1**  
(M to F)



**AD02F04MS1**  
(F to M)



**AD02F04FS1**  
(F to F)

## 3.5 mm to 2.92 mm (34 GHz)



**AD03M04MS1**  
(M to M)



**AD03M04FS1**  
(M to F)



**AD03F04MS1**  
(F to M)



**AD03F04FS1**  
(F to F)

## SMA to 1.85 mm (26.5 GHz)



**AD01M06MS1**  
(M to M)



**AD01M06FS1**  
(M to F)



**AD01F06MS1**  
(F to M)



**AD01F06FS1**  
(F to F)