# **Precision Test Adapters**

### 3.5 mm(M) to 3.5 mm(M)



## **Microwave Farm's Precision Test Adapters** are designed based on precision microwave interconnection technologies.

This 3.5 mm(M) to 3.5 mm(M) adapter is manufactured to precise microwave specifications and constructed with male gender on side 1 and male gender side 2.

The precision microwave connector interfaces ensure an excellent microwave performance up to 34 GHz



### Features

- Frequency range : DC to 34 GHz
- VSWR 1.20 : 1 (Max) @ 34 GHz
- Body : Stainless steel (passivated)

### Specification

Scope	Specification	MFAD04M04MS1
Electrical	Impedance(Ohm)	50
	Operation Freq.(GHz)	DC to 34 GHz
	VSWR (Max)	1.20 : 1
Material	Dielectric	Special dielectric
	Center Contact	BeCu with gold plated
	Body	Passivated Stainless Steel
		* RoHS Compliant

## **Precision Test Adapters**

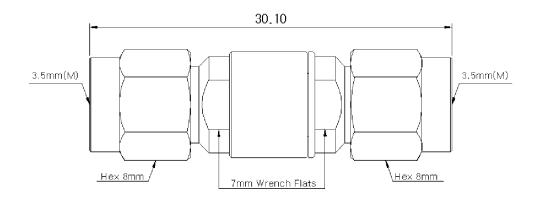
## 3.5 mm(M) to 3.5 mm(M)



### Drawing

### Part No.: MFAD04M04MS1

Unit : mm



### Test Result

#### <u>File View Channel Sweep Calibration Irace Scale Marker System Window Help</u> Stop 34.00000000 GHz 🗧 Stimulus Start Stop Center Span 50.00 3.346 dB 31.875625 GHz **HB S11** > 1: 10.00dB/ 0.00dB LogM 40.00 30.00 20.00 10.00 0.00 -10.00 -20.00 30.00 st Jump 40.00 -50.00 >Ch1: Start 10.0000 MHz Stop 34.0000 GHz CH 1: S11 C 2-Port LCL Cont. Smooth=0.69% Sim

#### • Frequency : 10 MHz to 34 GHz