Low PIM Test Adapters

DIN(Male) to SMA(Female)



Withwave's Low PIM Test Adapters are designed based on precision microwave interconnection technologies. *This DIN(M) to SMA(F) adapter* is manufactured to precise

microwave specifications and constructed with male gender on side 1 and female gender side 2.

The precision microwave connector interfaces ensure an excellent microwave performance up to 6 GHz.



Features

- Frequency range : DC to 6 GHz
- VSWR(Max): 1.25:1
- Passive Intermodulation (Max.) : -160 dBc
- Contact : Silver Plated Beryllium Copper

Specification

| Scope | Specification | AD21M06FS1 |
|------------|----------------------|-------------------------------------|
| Electrical | Impedance(Ohm) | 50 |
| | Operation Freq.(GHz) | DC to 6 GHz |
| | VSWR (Max) | 1.25 : 1 |
| Material | Dielectric | Special dielectric |
| | Center Contact | Beryllium copper with Silver plated |
| | Body | Brass with Ternary Alloy plated |

* RoHS Compliant

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Drawing

Part No.: AD21M06FS1



Test Result

<u>File View Channel Sweep Calibration Trace Scale Marker System Window Help</u> Start 10.000000 MHz ÷ Stimulus Center Start Stop Span **5**0.00 dB S11 6.000000 GHz -22.454 dB 511 10.00dB/ 0.00dB LogM 40.00 30.00 20.00 10.00 0.00 -10.00 -20.00 30.00 40.00 -50.00 Ch1: Start 10.0000 MHz Stop 6.00000 GHz CH 1: S11 C 1-Port LCL Status

Frequency : 10 MHz to 6 GHz