# Low PIM Test Adapters

## DIN(Female) to DIN(Female)



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

microwave specifications and constructed with female 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.) : -165 dBc
- Contact: Silver Plated Beryllium Copper

### Specification

Scope	Specification	AD21F21FS1
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

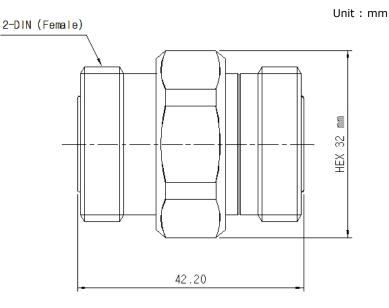
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## DIN(Female) to DIN(Female)



### Drawing

#### Part No.: AD21F21FS1



#### Test Result

#### <u>File View Channel Sweep Calibration Trace Scale Marker System Window H</u>elp Stop 6.00000000 GHz 🗧 Stimulus Start Span Stop Center 4.940519 GHz -22.525 dB 50.00 db S11 > 1; 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 Stop 6.00000 GHz Ch1: Start 10.0000 MHz C 1-Port Status CH 1: S11 LCL

#### Frequency : 10 MHz to 6 GHz

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