

antenna

DATASHEET

ADSS050

RF Adapter



1. Features

RF Adaptor to convert between SMA Male Right Angle to SMA Female.

Durable connectors with >500 connect/disconnect cycles

Low insertion loss

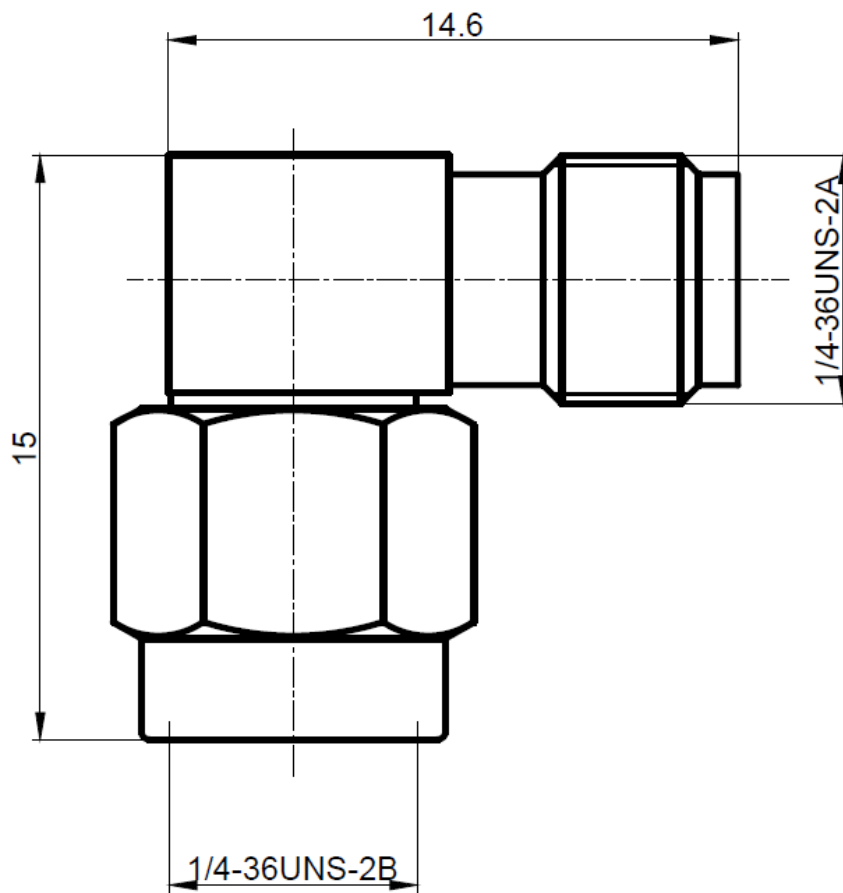
2. General data

Electrical	
Impedance	50Ω
Frequency Range	0 ~ 18GHz
Insulation Resistance	≥5000MΩ
VSWR	≤1.1 (DC-6GHZ) ≤1.2 (6-18GHZ)
Durability	>500 cycles
Mechanical	
Connector Dimensions	15mm * 14.6mm
Connector 1 Type	SMA (M) Plug
Connector 2 Type	SMA (F) Jack
Environmental	
Hazardous Material Regulation	RoHS compliant
Operating Temperature	-40°C to +125°C

3. Part Number

Part Number – ADSS050

4. Drawing



No	Description	Material	Finish	QTY
1	Body	Brass	Gold Plating	1
2	Insulator	PTFE	-	1
3	Center Pin	Beryllium-Copper	Gold Plated	1
4	Gasket	Silicone Rubber	-	1

5. Hazardous Material Regulation Conformance

The connector has been tested to conform to RoHS requirements.
A certification of conformance is available from Antenova's website.

Quality statements

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Antenova's products conform to REACH and RoHS legislation. For our statements regarding these and other quality standards, please see antenova.com.

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Datasheet version

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Antenna design, integration and test resources

Product designers – the details contained in this datasheet will help you to complete your embedded antenna design. Please follow our technical advice carefully to obtain optimum antenna performance.

We aim to support our customers to create high performance wireless products. You will find a wealth of design resources, calculators and case studies to aid your design on our website. Antenova's design laboratories are equipped with the latest antenna design tools and test chambers. We provide antenna design, test and technical integration services to help you complete your design and obtain the required certifications.

If you cannot find the antenna you require in our product range, please contact us to discuss creating a custom antenna to meet your exact requirements.

Share knowledge with RF Experts around the world

ask.antenova is a global forum for designers and engineers working with wireless technology

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