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RF Adapter, SMA Male to SMA Male

SKU
ACC-PT-00087
MPN
AD-SA1SA1
Barcode
9337692002977

Description

The RF Adapter SMA Male to SMA Male (Part Number: AD-SA1SA1) is a high-quality 50 Ω coaxial adapter from Powertec, an Australian wireless technology manufacturer. Designed for seamless connectivity, this adapter features two SMA Male interfaces with straight bodies and free-hanging mounting, compatible with SMA Female connectors. It operates within a frequency range of 0 GHz to 6 GHz, ensuring reliable performance for various RF applications.

Constructed from Brass with a Gold finish and Beryllium Copper inner contacts with Gold plating, this adapter guarantees excellent durability and conductivity. It functions effectively in a broad temperature range, from -65 °C to 165 °C, making it suitable for demanding environments.

Compliance with ISO 9001 Quality Management and RoHS standards ensures that the AD-SA1SA1 meets stringent quality and environmental guidelines. Ideal for enhancing cellular networks and developing wireless systems, this...

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Powertec

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Connector Interface

RF Interface	Body Shape	Mounting
SMA Male	Straight	Free Hanging
SMA Male	Straight	Free Hanging

RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
RF Operating Voltage
≥ 500 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance
≤ 1 mΩ

VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.2:1

Physical Specification

Body Material

Brass

Body Plating

Gold

Insulator Material

PTFE / Teflon

Dimensions

21.9 x 8 mm (L x Dia)

Compliance/Certifications

ISO 9001 Quality Management

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RoHS

Contact Material

Beryllium Copper

Contact Plating

Gold

Min. Operating Temperature

-65 °C

Max. Operating Temperature

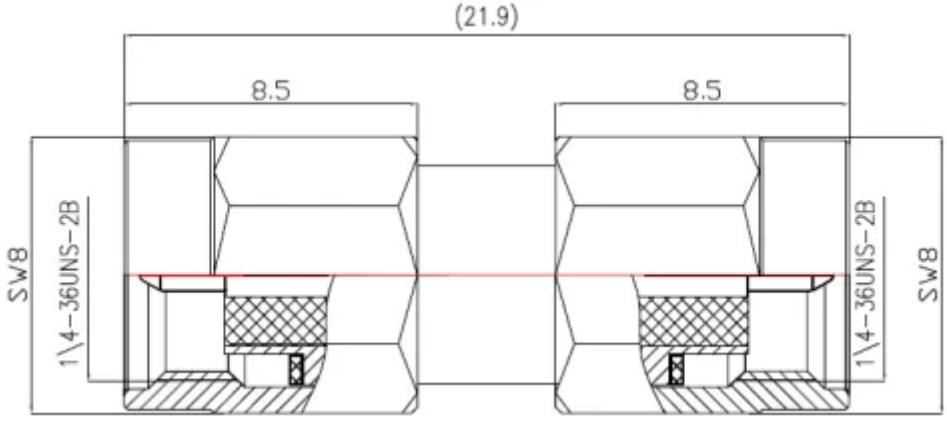
165 °C

Mating Cycles

> 500

Drawing

Image



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