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RF Adapter, SMA Female to SMA Female

SKU
ACC-PT-00084
MPN
AD-SA2SA2
Barcode
9337692002960

Description

The RF Adapter SMA Female to SMA Female (Part Number: AD-SA2SA2) is a high-quality 50 Ω coaxial adapter designed by Powertec, an Australian wireless technology specialist. This adapter features dual SMA Female interfaces with straight body shapes and free-hanging mounting, making it compatible with SMA Male interfaces. It operates efficiently within a frequency range of 0 GHz to 6 GHz.

Constructed from brass with a gold finish, the adapter ensures durability and reliable performance. The inner contacts are made of beryllium copper with gold plating, offering excellent conductivity. It is designed to operate in extreme temperatures, ranging from -65 °C to 165 °C.

This product complies with ISO 9001 Quality Management standards and is RoHS compliant, ensuring it meets high-quality and environmental standards.

Ideal for various RF applications, the AD-SA2SA2 adapter by Powertec is a reliable choice for enhancing connectivity in wireless...

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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 Female](#) [Straight](#) [Free Hanging](#)

[SMA Female](#) [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 m Ω

Insulation Resistance

≥ 5000 m Ω

Outer Contact Resistance

$\leq 1 \text{ m}\Omega$

VSWR Measurement

Frequency VSWR

6000 MHz $\leq 1.2:1$

Physical Specification

Body Material

[Brass](#)

Body Plating

[Gold](#)

Insulator Material

[PTFE / Teflon](#)

Dimensions

15 x 7 mm (L x Dia)

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Phosphor Bronze](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-65 °C

Max. Operating Temperature

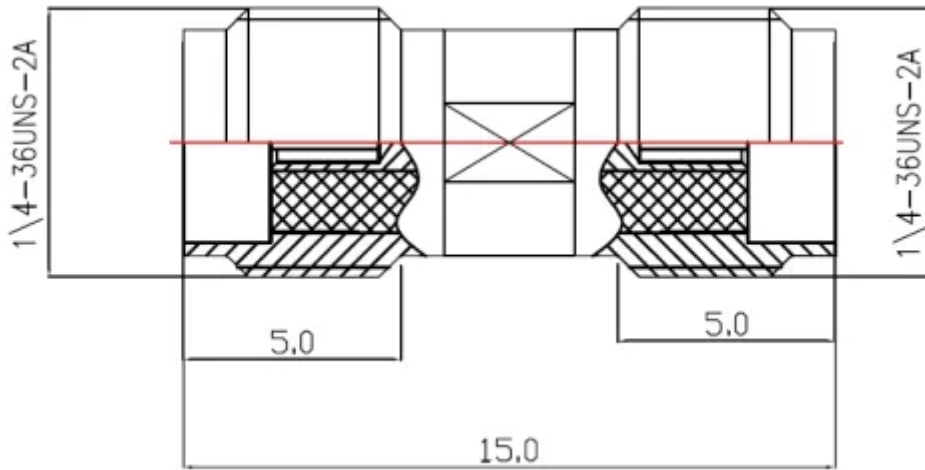
165 °C

Mating Cycles

> 500

Drawing

Image



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