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RF Adapter SMA Female to SMA Male Right Angle

SKU
ACC-PT-00190
MPN
AD-SA2SA1-RA
Barcode
9337692003523

Description

The RF Adapter SMA Female to SMA Male Right Angle (AD-SA2SA1-RA) by Powertec is a 50 Ω coaxial adapter designed for high-frequency applications. It features right-angle SMA Female and SMA Male interfaces, both with a free-hanging mounting mechanism, ensuring compatibility and ease of installation.

This adapter supports an operating frequency range from 0 GHz to 6 GHz. Constructed from brass with a gold finish, it ensures durability and reliable signal transmission. The inner contacts are made of phosphor bronze with gold plating, providing excellent conductivity and resistance to corrosion.

It operates efficiently in extreme temperatures ranging from -65 °C to 165 °C. The adapter adheres to ISO 9001 Quality Management standards and is RoHS compliant, emphasising its quality and environmental responsibility.

Ideal for use in wireless communication systems and cellular network enhancement, this adapter meets the high standards expected in...

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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	Right Angle	Free Hanging
SMA Male	Right Angle	Free Hanging

RF Specification

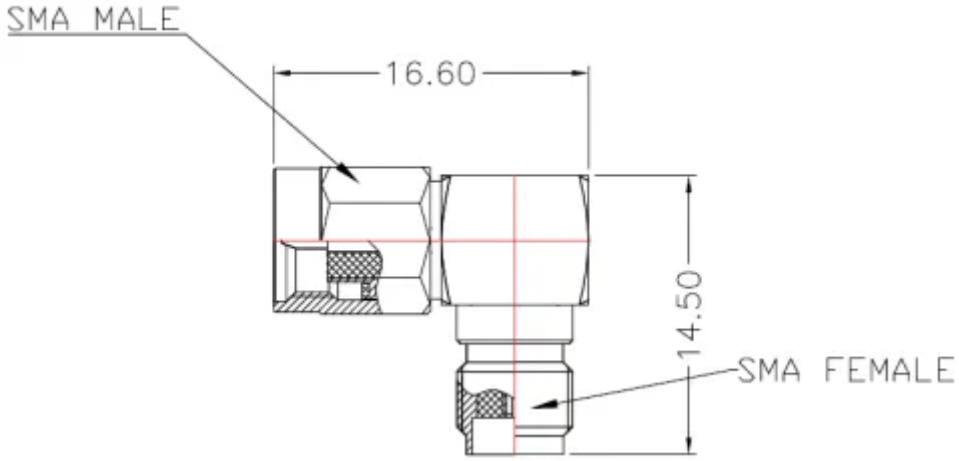
Start Frequency
0 GHz
Stop Frequency
6 GHz
RF Operating Voltage
≥ 500 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance
≤ 1 mΩ

VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.5:1

Physical Specification

Body Material
Brass
Body Plating
Gold
Insulator Material
PTFE / Teflon
Dimensions
16.6 x 14.5 x 8 mm
Weight
8.4 g
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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