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RF Adapter SMA Female to RP-SMA Male, Right Angle

SKU
ACC-BH-00071
MPN
AD-SA2RSA1-RA
Barcode
9337692004759

Description

The Powertec RF Adapter, model AD-SA2RSA1-RA (SKU: ACC-BH-00071), is a high-quality SMA Female to RP-SMA Male adapter featuring a right-angle design. Constructed from brass with a gold-plated finish, it ensures optimal conductivity and durability. The inner contacts are made of phosphor bronze, also gold-plated, and the PTFE/Teflon insulator provides excellent thermal resistance.

This adapter operates efficiently across a frequency range of 0 GHz to 6 GHz with an input impedance of 50 Ω, making it ideal for various RF applications. It is designed to withstand extreme conditions, operating within temperatures from -65 °C to 165 °C, and meets rigorous MIL-STD-202 standards for thermal shock, corrosion, vibration, shock, and moisture resistance.

The right-angle, free-hanging connectors facilitate easy integration into complex assemblies, offering reliable performance with a VSWR of ≤ 1.3:1 at 6000 MHz. As a trusted name in wireless...

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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
RP-SMA Male	Right Angle	Free Hanging
SMA Female	Right Angle	Free Hanging

RF Specification

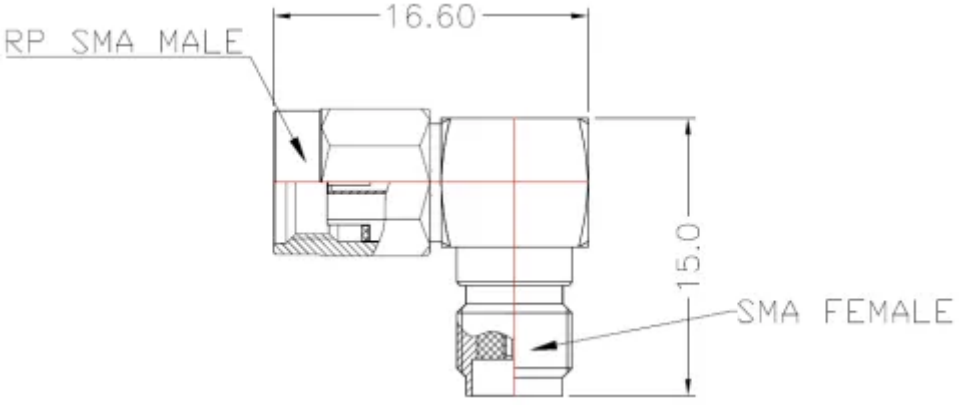
Start Frequency
0 GHz
Stop Frequency
6 GHz
Input Impedance
50 Ω
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.3:1

Physical Specification

Body Material
Brass

Body Plating
Gold
Insulator Material
PTFE / Teflon
Dimensions
16.60 x 15.0
Contact Material
Phosphor Bronze
Contact Plating
Gold
Min. Operating Temperature
-65 °C
Max. Operating Temperature
165 °C
Mechanical Compliance
MIL-STD-202: Thermal Shock
,
MIL-STD-202: Corrosion
,
MIL-STD-202: Vibration
,
MIL-STD-202: Shock
,
MIL-STD-202: Moisture Resistance
Drawing
Image



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