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RF Adapter SMA Female to SMA Female, Bulkhead Rear Mount

SKU: ACC-PT-00163
MPN: AD-SA2SA2-BRM
Barcode: 9337692001543

Description

The RF Adapter SMA Female to SMA Female, Bulkhead Rear Mount (Part Number: AD-SA2SA2-BRM) by Powertec is a high-quality 50 Ω coaxial adapter designed for seamless RF connections. Featuring dual SMA Female interfaces with straight body shapes, this adapter supports mounting mechanisms for both bulkhead front and rear. It ensures compatibility with SMA Male interfaces.

Operating within a frequency range of 0 GHz to 6 GHz, this adapter is built from durable Brass with a Gold finish, and includes brass inner contacts with gold plating for reliable performance. It functions efficiently in temperatures ranging from -55 °C to 155 °C. Compliant with ISO 9001 Quality Management and RoHS standards, this product guarantees exceptional quality.

Powertec, an Australian wireless technology manufacturer and systems integrator, has been a leader since 1995. Known for enhancing cellular networks and developing wireless and renewable energy systems...

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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	Straight	Bulkhead
SMA Female	Straight	Bulkhead

RF Specification

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

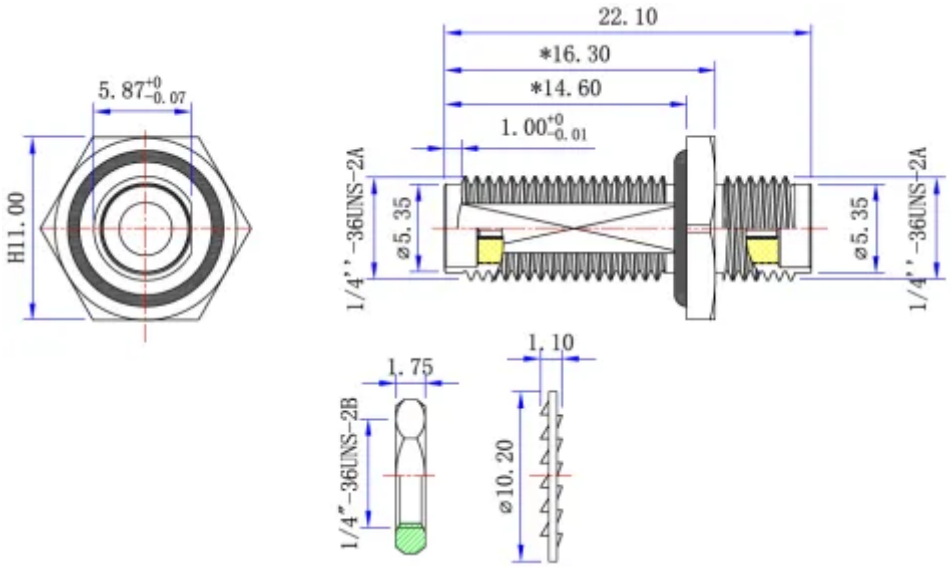
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.3:1

Physical Specification

Body Material:	Brass	Contact Material:	Brass
Body Plating:	Gold	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-55 °C
Dimensions:	22.1 x 11 mm (L x Dia)	Max. Operating Temperature:	155 °C
Weight:	5.8 g	Mating Cycles:	> 500
Compliance/Certifications:	ISO 9001 Quality Management , RoHS		

Drawing


22. 10
*16. 30
*14. 60
1. 00+0 -0. 01
5. 87+0 -0. 07
H11. 00
1/4''-36UNS-2A
ø5. 35
ø5. 35
1/4''-36UNS-2A
1. 10
1. 75
1/4"-36UNS-2B
ø10. 20

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