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RF Adapter, SMA Male to FME Male, Right Angle

SKU
ACC-PT-00081
MPN
AD-SA1FM1.RA
Barcode
9337692000843

Description

The RF Adapter SMA Male to FME Male, Right Angle (Part Number: AD-SA1FM1-RA) is a high-quality 50 Ω coaxial connector from Powertec, an established Australian manufacturer. This adapter features an SMA Male interface and an FME Male interface, both with right-angle body shapes and free-hanging mounting mechanisms. Compatible with SMA Female and FME Female interfaces, it supports frequencies from 0 GHz to 6 GHz, ensuring versatile application.

Constructed from brass with a gold finish and gold-plated brass inner contacts, the adapter guarantees excellent performance and durability. It operates efficiently within a temperature range of -55 °C to 155 °C, making it suitable for various demanding environments. Additionally, it adheres to ISO 9001 Quality Management standards and complies with RoHS regulations.

Ideal for use in wireless communication systems, this adapter is perfect for cellular network enhancement and other RF applications...

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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 Male	Right Angle	Free Hanging
FME 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
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Contact Material
Brass
Contact Plating
Gold
Min. Operating Temperature
-55 °C
Max. Operating Temperature
155 °C
Mating Cycles
> 500

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