

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

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 | Input Impedance: | 50 |
| Stop Frequency: | 6 GHz | Inner Contact Resistance: | $\leq 1 \text{ m}\Omega$ |
| RF Operating Voltage: | $\geq 500 \text{ Vrms}$ | Insulation Resistance: | $\geq 5000 \text{ m}\Omega$ |
| | | Outer Contact Resistance: | $\leq 1 \text{ m}\Omega$ |

VSWR Measurement

| Frequency | VSWR |
|-----------|--------------|
| 6000 MHz | $\leq 1.5:1$ |

Physical Specification

| | | | |
|----------------------------|-----------------------------|-----------------------------|--------|
| Body Material: | Brass | Contact Material: | Brass |
| Body Plating: | Gold | Contact Plating: | Gold |
| Insulator Material: | PTFE / Teflon | Min. Operating Temperature: | -55 °C |
| Compliance/Certifications: | ISO 9001 Quality Management | Max. Operating Temperature: | 155 °C |
| RoHS | | Mating Cycles: | > 500 |

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