

RF Modules SP4T Non-Reflect Switch Module DC-20 GHz

Manufacturers	Analog Devices, Inc
Package/Case	SMD
Product Type	RF Integrated Circuits
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC-C071 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC-C071 is a general purpose broadband high isolation non-reflective GaAs pHEMT SP4T switch housed in a miniature hermetic module with field replaceable SMA connectors. Covering DC to 20 GHz, the switch offers high isolation and low insertion loss. The switch features >42 dB isolation up to 12 GHz and >32 dB isolation up to 20 GHz. The HMC-C071 also provides 2.8 dB insertion loss up to 12 GHz with very fast rise and fall times of 17ns. A CMOS interface allows a single +5V bias voltage at very low DC currents.

Features

- High Isolation:
- Low Insertion Loss:
 - 2 dB @ 2 GHz
 - 2.8 dB @ 12 GHz
- Fast Switching: 17 ns Rise/Fall Times
- Non-Reflective Design
- Hermetically Sealed Module
- Field Replaceable SMA connectors

Application

- Fiber Optics & Broadband Telecom
- Microwave Radio & VSAT
- Military Radios, Radar & ECM
- Test Instrumentation

Related Products

